

GAMES



It's New Year's Eve,
and I'm getting
my act together!
(What resolutions
should I make?)

Answer Drawer, page 72



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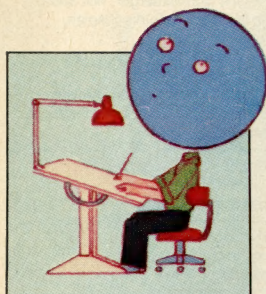


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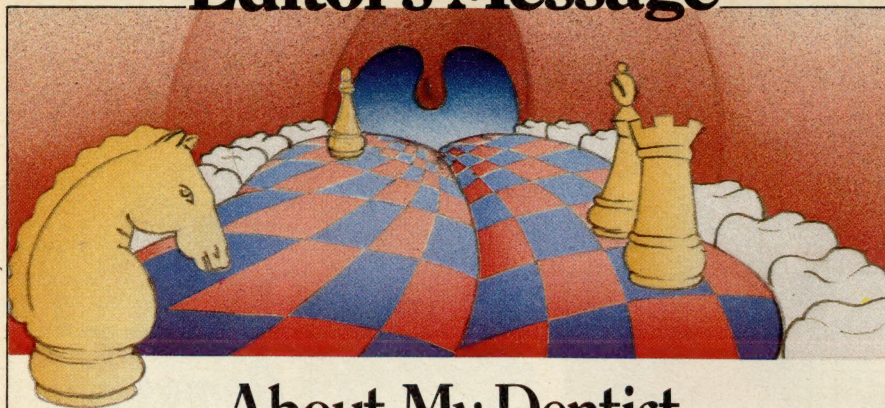
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Difficulty Rating: Smooth Sailing ★ Uphill Climb ★★ Proceed at Your Own Risk ★★★ Mixed Bag ★☆

Cover photograph: David Vine/Styling by Mimi Gertler

Editor's Message

Illustration by Carol Gillot



About My Dentist

An old friend of mine, who twenty years ago was a fellow member of the Jefferson High School Chess Team, told me recently—while filling three of my teeth—that he had written an article for a professional journal about the importance of chess in dentistry. I was not surprised to hear that he had drawn this connection, being myself a confirmed believer in the “extracurricular” value of games.

After he finished drilling the first hole, I asked him to tell me more about his article. “Well,” he explained, “I simply pointed out that dentistry really *is* like chess in many ways. The main thing, of course, is that you have to keep your attention on the whole picture. If you get too involved in one little detail, you may save the tooth but lose the gums. The gums are the king.

“And for another thing, there’s time pressure. Do you see those two lights on the wall?” He pointed. “When that amber one is on, as it is now, it means I have a patient in the waiting room, and I have to speed up a little. When the red one is on, it means I have two patients, and then it’s like my flag is about to drop.”

He resumed drilling. After hitting a nerve, he mused, “You know all those analytical and combinative skills you acquire in chess? Well, they’re essential in dentistry. Middle-game technique should be a required course in dental school. First you have to *see* the position, then you adopt a strategy and select the tactics that will bring you to your objective without wasting moves.” He hit the nerve again. “(Open wide.) It may seem to you that I’m just pushing wood, but there’s really an opponent in there. Maybe it’s just another case of the black against white, or of the drift of time against the best defense I can muster. Whatever. I simply try to keep the position intact and remove any weaknesses that develop.” The red light went on.

During my previous visits, we had sometimes amused ourselves by playing mental chess, dazzling his assistants with a barrage of inscrutable, but to us, meaningful statements like “(Bite down.) P-Q4,” and “N-KB3.” But I was rusty now, not having played much chess lately, and he was explaining that he had been taking lessons in ten-board simultaneous blindfold play. “It’s really not as hard as it sounds,” he confided, before leaving the room to administer some Novocain in the next office and to check some X-rays of the patient down the hall. He returned without breaking stride. “The key is in playing a different opening in each of the ten games, and then as you rotate among the boards you can instantly reorient yourself to each board.” He was really moving now, drilling the second and third holes with a single burst of fire, as if he were rattling off a forced mate in seven.

As he applied the molten silver and swiftly but unerringly crafted the fillings to the proper contours, I asked him—through a mouthful of implements—whether he thought he could do *this* blindfolded. But he was too engrossed in the intricacies of the position to answer.

You may wonder about the state of my mind and teeth, but I believe in this goodly doctor. I like to think of him posing over his chess set late at night after a hard day at the office—his eyes fastened on 32 smoothly polished walrus teeth studded with silver crowns.

Michael Donner

Coming next month: “Backgammon and Brain Surgery”

GAMES

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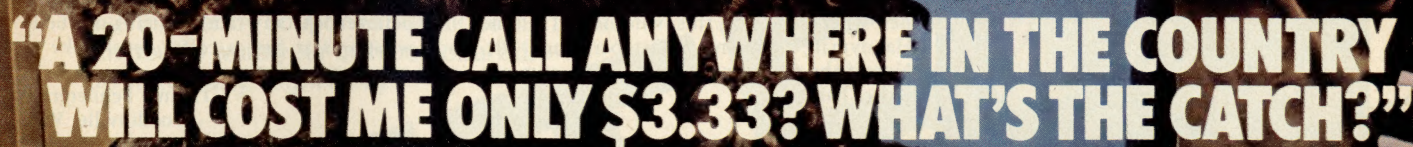
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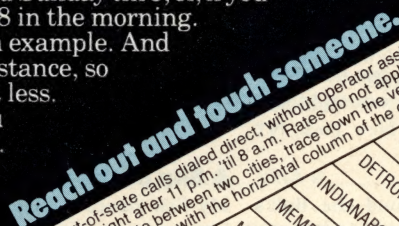
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INSERTS: Resources for the Gifted between pp. 8-9; Science 81 between pp. 64-65



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MEMPHIS	2.83	3.00	2.83	3.00
MILWAUKEE	3.00	3.00	3.00	3.00
NEWARK	3.00	3.00	3.00	3.00
NEW HAVEN	3.00	3.00	3.00	3.00
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LETTERS

Cryptic Cover-Up

KH K EWWZMCMWI KIIMEZ JC QJZP
EVSUZJNVKYH KXI IMNMZMZH, M
OKH QWHMIW YSHWFC OPWX M
VVEWMRWI KXI HAQHWBAWXZFS
ZJVW ZPVJANP ZPW HWUZWYQWV
MHHAU EJXZKMXMXN KFF ZPJHW
GAMES EVSUZJNVKYH KXI EVSUZ-
KVMZPYH ZJ QJZ! YS GJS MH
YAFZMUFSMXN!

Beth Sheiman
Syracuse, NY
Answer Drawer, page 66

After solving the cryptoon on the cover of the September/October issue, I tasted some kerosene and then some turpentine. Believe me... they taste the same!

Jon Oren Nicholas
Louisville, KY

Then it must be borscht.—Ed.



When Readers Try Their Hand, Anagrams R a Gas, Man!

Funny that my "photogram" ("New Halls of Fame," September/October, page 50) so aptly describes me and your delightful feature:

AMUSING! U BETS!

Austin E. Gumbs
Perth Amboy, NJ

After whizzing through "New Halls of Fame," all I can say is: I JUS' LEAD.

Judi Seal
New York, NY

Shooting the Bull

I read Roger Dionne's "Beyond the Bull's Eye" (September/October, page 14) while stationed in England, and I thought your readers might enjoy a variant I learned over there on "going out." If your throw leaves you with one, your next throw would be for the double one. If you make this, the next throw would be to "split the eleven": hit the board between the two digits of the number 11 at the

edge of the board. If you can't accomplish these tricky maneuvers in one turn (three darts), your opponent has a try, and the first one to hit it right is the victor.

John B. Smith
Flemington, NJ

A Word from the Inventor

I was honored to see that you included Boggle, a game I invented, in your list of 100 favorites ("The Games 100," November/December). . . . However, it seems I am picayune enough to be nettled when you refer to Scrabble as "Still the best of the commercial word games. . . ." I would agree that Scrabble is a great game, but not that it is the best of the word games. I believe that Boggle is, at this moment, a better and more popular word game, outselling Scrabble after just four years. The question is whether Boggle will have the lasting appeal that its predecessor has exhibited. Thank you for including Boggle in your fine magazine, and also for allowing me to vent my rather biased opinions.

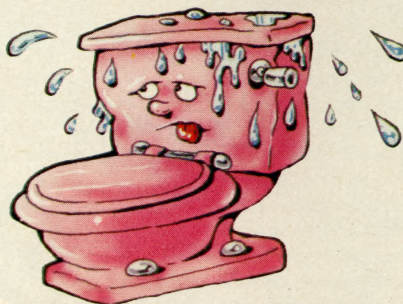
Allan Turoff
Palisades, NY

Powder Bluff

Sign me up for the "Chump of the Year" award. Last week my wife told me she knew how to eliminate condensation from the toilet tank. I didn't question her, but did as she instructed. I really felt silly powdering the toilet as I would a baby, but imagine my chagrin when, discovering that it didn't work, I asked her where she got this wild idea ("Home Handyman," September/October, page 20). Now if she can only get the chewing gum out of her hair. . . .

Jerry Curtright
Carpentersville, IL

Try a cold chisel and some tar paper.—H.A.



A Slip of the Lip?

My first glance at "Lip Service" (September/October, page 35) led me to believe it would be fun and different, but a real snap, and this jolly attitude prevailed as I smugly jotted down Oom, Shirmer, Matthew, and Fletcher within 90 seconds. After passing a good 10 minutes feverishly whispering "Alfred" and "Arthur" over and over I broke out into a light sweat. Within the next 30 minutes, my

eraser was a nub, there were holes all over the paper, and I was babbling at myself in the mirror. Thanks for three quarters of an hour of pure agony. (P.S.: I still think Richard and Luke should be reversed!)

Melinda Collins
Los Angeles, CA



Collect Call

I have a small collection of old board games, and would like to correspond with any other *Games* readers who may also be collectors.

B.L. Carter
Richmond, VA

We'll collect all responses and forward them to Mr. Carter if you send them to "Collect Call," c/o Games.—Ed.

A Real Ringer

As we were paging through the September/October issue, we came across your hanger "chimes" stunt, "Hear This" (page 33). We tried it doubtfully, not expecting to hear anything, much less Big Ben. But your stunt could turn even the most tone-deaf skeptics into believers! At any rate, you rang our bell, and what was at first a coffee break joke is now our favorite pastime.

Tammy Pendergraft
Woodinville, WA

Plenty of Room in the Hamper!

It's apparent from your Letters column, that *Games* readers seem to derive much delight in finding errors you have made. Their fiendish glee when they're sure they've "caught" you is, I think, a great sign for *Games*: many of your readers are as interested in finding the mistakes as they are in solving the various challenges in each issue. At least you're keeping everyone on their toes!

Lela E. Knight
Gibson, TN

Although we have limited space in which to print "Laundry Basket," we welcome an unlimited response from readers—and on occasion have received as many as several hundred letters noting a single error.—Ed.

In response to "We're Clean" (November/December, page 8) and due to my false accusation that you were incorrect about the Fahrenheit-Celsius question, I humbly enclose one T-shirt.

Randy Gray
Anderson, IN

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LAUNDRY BASKET

The rules of the game—it is a game, isn't it?—are: If a reader finds a mistake that affects the play of a game, or a significant error of fact, and we agree the slip needs to be laundered, we'll publish the first or most entertaining letter that points it out. If we publish your letter in the Laundry Basket, we'll thank you with a Games T-shirt.

Mistakes: September/October

★ In "Gee Whiz" (page 41), clue 89-Across was "Gene Hackman's Oscar role." The answer you gave was "Egan"; but in *The French Connection*, Hackman played Popeye Doyle, based on the real-life policeman Eddie Egan.

Fran Germann
Spotswood, NJ

★ In the "World's Most Ornery Crossword" (page 47), hard clue 37-Down reads "Menace in *The Body Snatchers*," the answer being "pod." But the menaces in the actual 1944 movie of that name were the killers who, in nineteenth-century England, sold their victims' bodies to medical schools. The movie you should have named was *Invasion of the Body Snatchers*.

Sally Lou Ginsberg
West Columbia, SC

★ Hey, youse guys, da boss and me was real pleased ta see dat our old pal Ralph Waldo

Emerson took foist place in da Oliver Wendell Holmes look-alike contest ("Photagrams," page 50). Youse bums got a real good rag, but watch da boots.

Tom (Da Lip) Andries
Mishawaka, IN

Photos 4 and 12 were inadvertently switched.—Ed.

November/December

★ In Word Row (page 88), the word "asser-vate" is not to be found in *Webster's Third*. "Assert" and "aver" are given as two synonymous words in its pouch, but "aver" lacks the requisite sequential spelling. The word that was apparently meant was "asseverate," which is in the dictionary with the proper definition, and which fills the bill completely.

Valerie Nicholson
Southern Pines, NC

★ In "Christmas Vision Aloft" (page 12), "Santa Brew'th Gifts, Comes Near" is supposed to be an anagram for "Twas the night before Christmas," but it isn't. The clue has one too many A's and N's, and the answer has one too many I's and T's and two extra H's.

Luci O'Brien
Detroit, MI

The anagram should have read, "Santa Brew'th Gifts, Comes Hither."—Ed.

★ I have sent you my only fig leaf, which you can readily see does not resemble the holy leaf that was drawn for Adam and Eve in panel 4 of "Makin' Tracks" (page 37).

Tom Sansalone
Cincinnati, OH



★ In your November/December "Laundry Basket" (page 6), Joe and Dianne Damico said that Quezon City, not Manila is the Philippines capital. Not so. *Games* was right in the first place. According to the 1976-79 *Supplement to the National Geographic Atlas of the World*, "Philippines reestablished Manila as the capital on June 24, 1976. Nearby Quezon City was the former capital." Will the Damicos please send me an XL *Games* T-shirt?

Conrad Nicoll
Temple City, CA

★ In problem 9 of the "Mechanical Comprehension Test" (page 41), you gave the right reason but the wrong answer. The juice can that will pour faster is A, not B.

Drea Noll
Bellefonte, PA

EVENTS

Before attending any of these events, write or call to verify dates, places, eligibility, entry fees, etc. Send a stamped, self-addressed envelope with your request.

Chess The U.S. Amateur Team Championship will be held in Somerset, New Jersey, February 14-16. Any four-player team with an average rating of less than 2100 is eligible. Contact: USCF, 186 Route 9W, New Windsor, NY 12550.

Crosswords The Third Annual Crossword Puzzle Tournament at the Ramada Inn in Montvale, New Jersey, January 17. Top puzzlers will grid and bare it for a purse of \$400 and assorted prizes. Contact: Bob Juppe, *Ridgewood News*, 30 Oak Street, Ridgewood, NJ 07450, or call (201)-445-6400.

Dominoes Texas Domino Tournament, in Hallettsville, January 25. For those with a passion for pips, here's a chance to team up and win \$100 and a plaque for "spotting" the highest score. Contact: Domino Tournament, Knights of Columbus Hall, Highway 77, Hallettsville, TX 77964.

Highland Games Scottish Highland Games in Orlando, Florida, January 17-18.

Scots and others toss their weights around—including a 140-pound tree trunk and a 4-foot hammer—for trophies and just plain fun. Contact: John Gaston, 735-2 South Wymore Road, Altamonte Springs, FL 32701 or call (305)-862-8372.

Jump Rope The Speed Jump Rope Invitational in Bloomer, Wisconsin, January 31. Each jumper has 10 seconds to do some fancy footwork, scoring a point each time the rope passes underfoot. Contact: Wally Mohrman, 1721 Eighteenth Avenue, Bloomer, WI 54724.

Kites International Kitefliers Association Annual Meet in Sarasota, Florida, January 18. If Ben Franklin got wind of the marathon kite fly held to honor his birthday, he'd surely be pleased—or perhaps even pleasantly shocked. For the kites, though, it's a breeze as they annually break records for the longest sustained flight. Contact: Will Yolen, IKA, 321 East 48th Street, New York, NY 10017.

Map Dash The Eighteenth Annual St. Valentine's Day Massacre, in which contestants are given maps and must trace a complicated coast-to-coast route without leaving the comfort of their living rooms. Entry deadline—

when else?—February 14. Contact: St. Valentine's Day Massacre, Box 378M, Murrysville, PA 15668.

Northern Rites The Anchorage Fur Rendezvous in Anchorage, Alaska, February 8-17, will host a bundle of events including the World Championship dog-sled race, a costume ball, snowmobile races, and other chilly thrills to relieve cabin fever. Contact: Farrell Vail, Box 773, Anchorage, AK 99510.

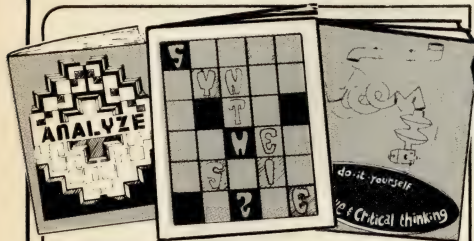
Nothing National Nothing Day, January 16.

Snowshoe Softball The Snowshoe Softball Tournament in Priest Lake, Idaho, January 17-18, is just the tip of the iceberg at the winter carnival. Jousting and chariot races, similarly performed in snowshoes, will also be featured. Contact: Chamber of Commerce, Route 5, Box 151, Priest Lake, ID 83856.

Snurfing National Snurfing Championships in Muskegon, Michigan, on January 31. If you can keep your balance while riding a four-foot by seven-inch board down a 500-foot, snow-covered slope, there's a good chance you'll share in the \$1,000 purse. Contact: Muskegon Community College, 221 South Quarterline Road, Muskegon, MI 49442, or call (616)-773-9131.



Tools to turn on THINKING



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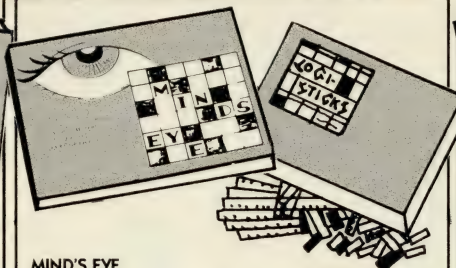
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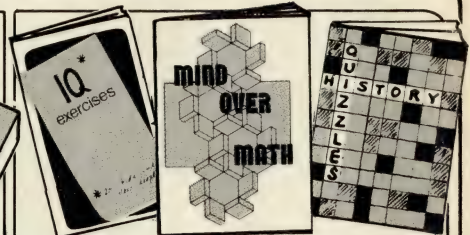


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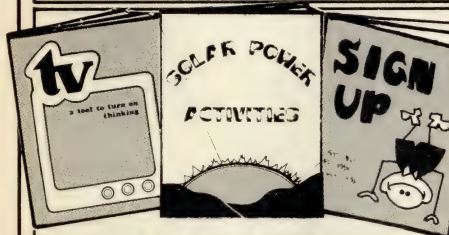
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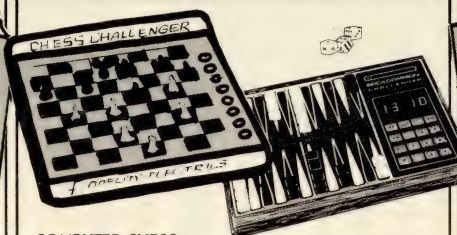
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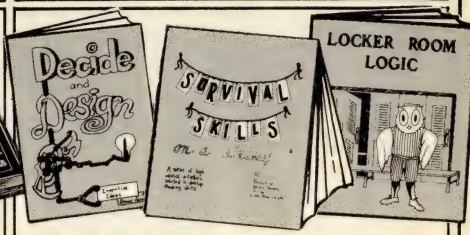


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GAMEBITS

Edited by Curt Slepian



TWENTIETH CENTURY DINOSAURS

Dinosaurs are on the loose! But these Mesozoic monsters aren't from some lost continent—they're from the junkyards of New Jersey. Sculptor Jim Gary has constructed a bevy of large-scale prehistoric behemoths out of that modern behemoth, the automobile. Realistic skeletons of the Stegosaurus, Pteranodon, and Tyrannosaurus Rex (or should we say T. Generalus Motorus?)



(Top) A Brontosaurus in search of a lube-job. (Bottom) An 18-foot wingspan keeps this iron Pteranodon aloft.

are welded from oil pans, drive shafts, brake shoes, rocker arms, and other discarded car parts. Even a Volkswagen Beetle can end up as a 35-foot Brontosaurus composed of 500 car parts.

Since building a larger beast takes more than two years (and \$4,000), Jim had better speed up production before he runs out of parts. He observes that the auto may be traveling down the same dead-end highway as its reptilian counterpart: "While one is extinct, the other is certainly an endangered species."

Fortunately, the latter-day dinosaurs are a hardy breed, perfectly adapted to today's world. For instance, when a Dimetrodon gets dirty, Jim can simply have it cleaned at—what else?—a car wash.

If you've always wanted to own a dinosaur (a great conversation piece), or if you're a museum curator looking to add a new species to your collection, write to: Iron Butterfly Studio, 8 Broad St., Red Bank, NJ 07701.

—C.S.

BETTING ON THE LAST HURRAH

Many sharpies suspected something fishy when heavyweight champion Larry Holmes opened only a 2 to 1 favorite over Muhammad Ali in the famous "Last Hurrah" at Caesars Palace in Las Vegas. What the sharpies ignored was the astonishing hammerlock Ali held over the hearts of America, and his ability to hype everyone within electronic earshot. "Holmes' behind will be mine in nine," Ali proclaimed. It took some willpower not to believe him.

Actually, the Las Vegas betting line translated these 2 to 1 odds to read Holmes — 220, Ali + 180. That's called a 40-cent line: you bet \$2.20 on Holmes to win \$1, or \$1 on Ali to win \$1.80. Ali fans put so many dollars on their hero that by the day before the October 2nd fight, the betting line had plummeted to Holmes — 150, Ali + 110.

Then the professional gamblers pulled out their bankrolls. "The public bet Ali so much, the line came down so much, that the big bettors jumped in for Holmes," explained sports bettor Gary Austin. The pros bet with their heads, not their hearts, and there was no evidence (beyond the Louisville Lip's lip) that Ali had the remotest chance to win.

After his decisive victory, champion Larry Holmes summed up the betting game perfectly. "Ali's psyching didn't get to me at all," Holmes said. "It got to the bettors, the sentimental bettors. He fooled all you people, not me."

—Roger Dionne

CHESS PLAYERS: NEED A HELPING HAND?

Last fall a carefully wrapped package arrived here at *Games*. Beneath layers of plastic bubbles, styrofoam cheese doodles, and a U.S. army blanket was . . . a hand. Did we call the cops? Of course not. This hand was connected to the BORIS HANDroid chess-playing machine.

Manufactured by Applied Concepts, this handy machine costs an arm and a

leg at about \$1,400, but there's nothing like it outside of Artoo-Deetoo. You see, when it's HANDroid's turn, a robotic arm comes out of the case, picks up the piece it wants moved (and/or captured), and physically makes the move itself. And as if that weren't enough, when the game is over, HANDroid's hand comes down to console you (its chess program is the strongest commercially available) with a creepy metallic shake. Cold comfort, indeed.

—P.M.W.



Checkmate: give that machine a hand.



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(Left) An *al fresco* game of Chinese chess. (Right) A high school hoopster throws a shake-and-bake move, Chinese-style.



LETTER FROM CHINA

Before moving to China, I never imagined that games would assume such an important place in the lives of the purposeful Chinese. But, still mindful of Mao Zedong's calls for physical exercise, the Chinese play games all the time.

Of course they are internationally renowned table tennis players. Indeed, wooden and stone Ping-Pong tables—frequently equipped with make-shift nets of brick or books—are ubiquitous. But basketball, a relatively new game to the Chinese, has become the number one national sport. Whether in commune yards or behind the walls of an urban factory, you'll find a hoop—often in use. The Chinese place great importance on beating the United States at its own game, as they did in 1979 when an American student team was twice defeated by the People's Liberation Army Team. In order to save face in B-ball diplomacy, the Washington Bullets were sent to avenge their amateur countrymen. Chinese students still discuss the American victory, and American height.

Although these sports are enjoyed by people of all ages, most adults seem to prefer sedentary games. Groups of men (I rarely see women) play cards and checkers on bamboo chairs in the backs of trucks, in quiet corners at public parks, and around tables in the street. In the evening, candles and tea appear as if by magic, and the game tables serve as the focus of Chinese nightlife. Hushed gatherings mark strategy games and boisterous ones gambling games. Although the state tries to discourage gambling, the noisy tables prevail.

Another familiar sound is the clicking of mah-jongg tiles. An ancient bet-

ting game, mah-jongg was banned during the Cultural Revolution for its overtones of bourgeois decadence, but since the downfall of the Gang of Four, the game has come out of the closet. However, the sets sell for fifty yuan (about \$35), a price few Chinese can afford.

While the venerable board game goes on to be a popular intellectual exercise and Western chess is beginning to make inroads, the true game of the masses is Chinese chess, or *xiang qi*. Players maneuver on the intersections of a 9 x 10 board bisected by an inch-wide river. The object is to capture a Grand Marshall who resides in a four-block city, protected by loyal soldiers, advisors, cannons, horses, chariots, and elephants.

Some of the games surprise visitors. Occasionally one finds simple shooting galleries set up in courtyards and city streets. For one fen (half-cent), a customer shoots at rows of objects with a small BB gun. A hit wins a second try, and so on. In a bamboo park in Chengdu, Sichuan, I once saw a young man in a leather jacket aiming a small radar pistol at a battery-operated, video-type game perched in the branches of a tree. The game must have come from Hong Kong.

So if you go to China, and want to take small gifts for your guides, games would be a perfect choice. Portable Scrabble would be prized by the legions of English students, but, perhaps, a Frisbee would be loved even more. I have spotted only one so far. And as it sailed gracefully across Tien An Men Square, trailed by gales of laughter, it spoke a universal language.

—Gretchen Dykstra
Wuhan, Hepei

KNIGHTS TO REMEMBER

Members of the Knights of the Square Table (NOST), a group that plays games through the mail, came from as far away as Alaska and Hawaii to attend their fourth annual convention at Niagara Falls last autumn. While many players confined themselves to conventional board games, some had fun with offbeat items like Avalanche Chess (players push one of their opponent's pawns after every move); Alice Chess (pieces move back and forth between two boards, one of which represents the "world through the looking-glass"); and Double Bughouse (a speed game that requires two chess sets and four players, with each player handing over captured pieces for use in his partner's game).

Mini-tournaments were held, and this reporter managed to sneak away with the trophy for the prechess event, in which players alternately placed their eight pieces on the first rank in any order before the start of play.

The club plays a variety of board and word games by mail, and membership requires more of a good sense of humor than games expertise. For information write to: Bob Lauzon, Drawer G., Pittsford, NY 14534. —R.W.S.

VANITY AFFAIRS

Mirror, mirror, on the wall, what's the fairest game of all? Judge for yourself with gameboard mirrors. Inlaid with accurate reproductions of Scrabble, Parcheesi, Monopoly, chess, and backgammon boards, the mirrors range in size from 14" x 14" to 20" x 20" and in price from \$12.95 to \$29.95. Play on them and you can reflect on your beauty as you reflect on your next move. For more information, write to: Mirror Mack, Inc., 120 Wall St., Suite 1044, New York, NY 10005. —C.S.

If Narcissus had played Scrabble...

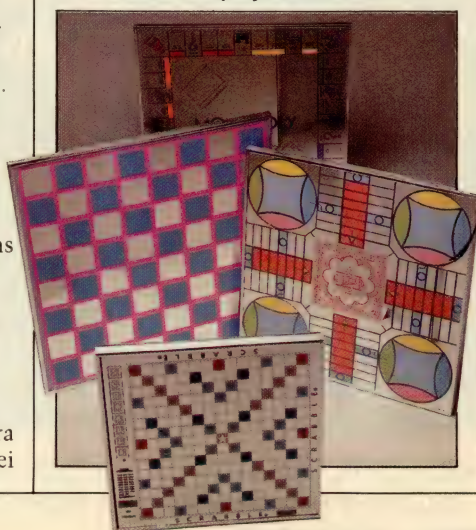
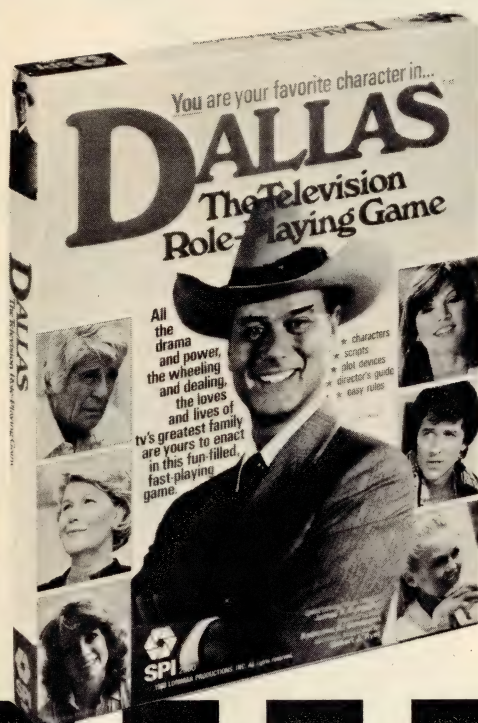


Photo by Stan Felleman

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IN ONE ERA

by David Greenwald

Nineteenth-century picture-puzzle cards are the ingenious forerunners of the Wacky Wordie.

Long before there was a Space Invaders or a Games Magazine, ere the crossword puzzle and double-crostic saw the light of day, how did serious game players get their jollies? Would you believe picture-puzzle cards? Combining visual and verbal clues, these playful rebuses were "4 fathers" of the Wacky Wordie (see page 27).

Puzzle historians believe that rebus cards originated as long ago as 1789, when a London cardgame-maker named Wallis printed the world's first known deck. The 15 puzzles in the pack included such jaw-numbing clues as:

*This Puzzle is a Word.
The meaning of which, if you cannot discern,
The Explanation will soon tell you why.*

(Answer: incapacity. Coincidentally, one of the cards pictured here has the same solution by a different route. Can you find it?)

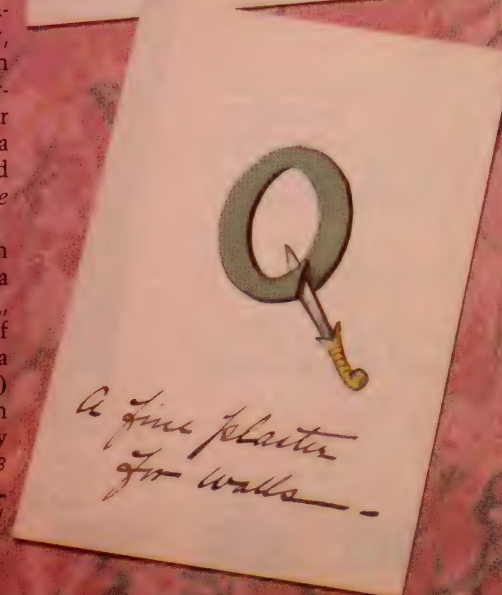
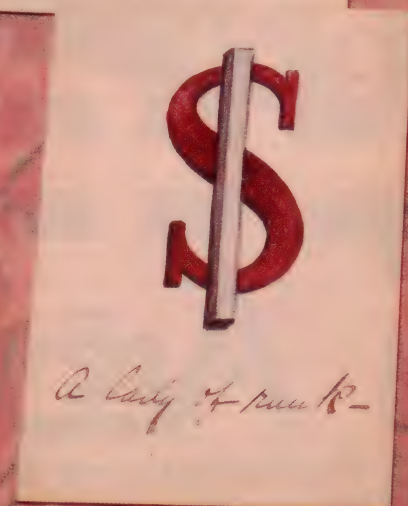
Rebus cards quickly spread to the Continent and, by the mid-nineteenth century, shuffled over to our shores. Here, Milton Bradley's "Modern Hieroglyphics" and Parker Brothers' "Hidden Titles" competed for rebus supremacy with such puzzles as a picture of a U-shaped rope that referred to a geographical area. The answer? *Europe (U-rope)*.

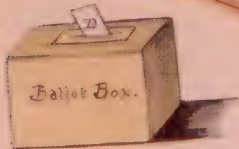
The cards on these two pages were drawn and handpainted in New England over a century ago. Yet they represent a charming, timeless challenge. (Deciphering some of the handwritten clues may be as much of a challenge as the puzzles themselves.)

Example: the answer to the first puzzle in the top row ("an airy nothing") is fancy (*fan + C*).

Answer Drawer, page 68

David Greenwald is a game inventor, collector, and bridge Life Master with a Ph.D. in Education.





What a poor choice is.

^M
E

A flower—



A state of mind not
correct—

8

What tyrants often
do—

AND OUT ANOTHER



An obstacle to
learning—



U.8

To give due emphasis—

8

2.

To value too low—



An obstacle to Success—

D



What Adam lost—

What all wish
to be—



First Prize

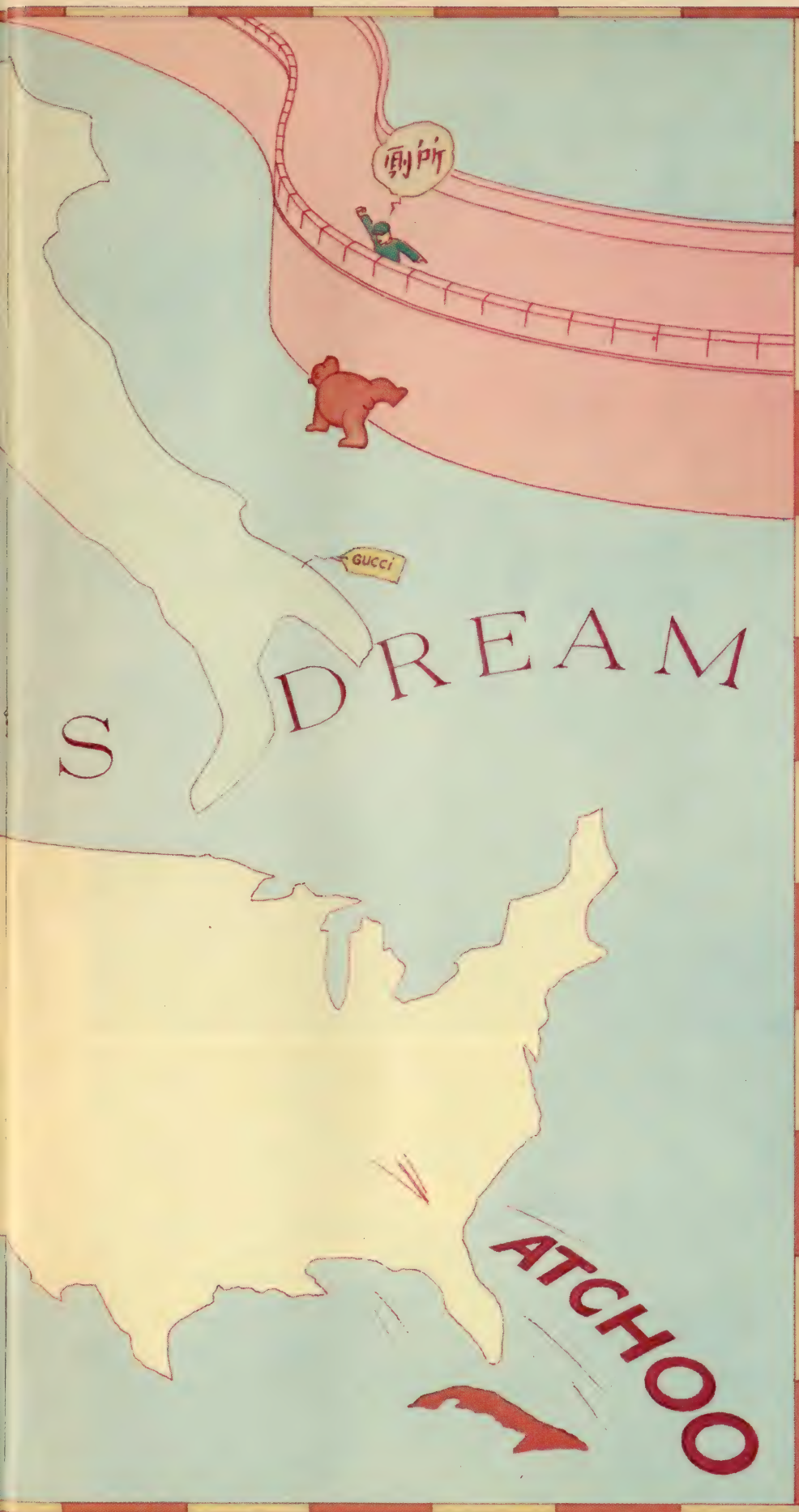
A Rand McNally illuminated
globe and world atlas.

**Four Honorable
Mention Prizes**

A Games T-shirt.

CARTO GRAPHER





A GAMES CONTEST★

Draw your own mental map of . . . anyplace

We have a mapmaker friend who recently lost his job at Rand McNally. It seems the poor fellow insisted on drawing the world as *he* saw it, not as his boss saw it. His problems began when he was asked to draw a simple, traditional map of the United States. Instead, he handed in a picture of the U.S. *sneezing*, aptly he thought, at that little red nuisance under its nose. The foreman frowned.

On his next assignment, he drew Texas bucking under an urban cowboy. "There's a lot of bull down there," was his only explanation, and he got his first warning. Then, when they assigned him Italy and fully expected a boot, he gave them nothing less than a Gucci. And his parting shot, on a blank sheet of paper, was titled "L.A. Under Smog."

That did it. Now he sits in the back room here at *Games* churning out his handiwork. One day he finds a new use for the Great Wall of China. Next day he "comments" on how France's culinary charms have eclipsed the rest of her. Far from giving up on making maps according to his own vision, our mapmaker is now pursuing his dream (and our other resident mappitologist, Lady Eucant Draughwell). He invites you to help him compile his atlas by contributing a mental map or two of your own. There is great latitude (and longitude) for self-expression, he tells us, so your maps can be satiric, surreal, abstract, political, whimsical, hyperbolic . . . just be sure that place names are legible and references not too obscure. You needn't be too literal about the actual shape of the area you choose to draw, nor need you be an accomplished artist—the originality and cleverness of your concept are more important than the execution.

The size of the maps should not exceed 8½ x 11 inches. They can be in black and white or color, embellished or plain, and rendered in pen, pencil, crayon, or any other medium. The entries will not be returned, and the decision of our judges will be final. Print your name and address on the back of your map and mail it to: Cartographer's Dream, *Games* Magazine, 515 Madison Avenue, New York, NY 10022. All entries must be received by February 2, 1981.



THE \$100,000 GAMBIT

Making Chess
a Play Object

by Frank Brady

Photographs
by Stan Fellerman

In art, in life, and at play, Mark Wessels has made a career of taking on prodigious tasks, ranging from the merely ambitious to the quixotic. *Play Object*, his most recent tour de force, is no exception.

A set of 43 unusual chess sets, *Play Object* is a rich and colorful gathering of ancient, regional, or modern variants of the "game of kings." Most of the finely crafted boards are made of painted wood, with a glass overlay. The pieces are made of wood, plastic, hard rubber, or baked clay; some are simple adaptations of ordinary chess pieces or toy animals. The entire collection is for sale for \$100,000.

When Wessels began work on the sets, he had at least three goals: to explore the use of richly colored geometric patterns; to create games that would be beautiful, and that would stand apart from the staid and predictable forms usually found in board games; and to make the completed sets the focal point of a major



"Life is a constant battle," says Mark Wessels (above), creator of 43 original chess sets, "but the beauty of chess is that the combat is bloodless—except to your ego—and relatively harmless. Over the chessboard, you can participate in a full scale war, no one gets hurt, and you have engaged in a ritual of honor."



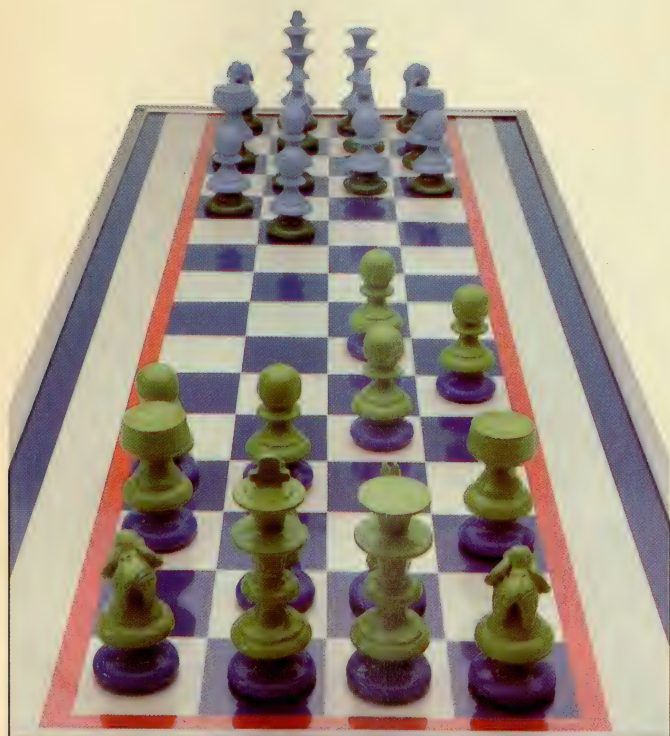
Extreme upper left: Chess pieces from four-handed Chaturanga, a dice game from sixth century India that may have been the earliest form of chess.

Left: Two of the nine types of pieces in 10 x 10 Turkish chess are the Elephant, which moves like our chess Bishop, and the Giraffe, which has the combined powers of our Queen and Knight.



Above: In the Japanese game shogi, a piece switches sides when captured. Ownership of

pieces is thus determined by orientation, giving the artist a free hand in coloring the set.

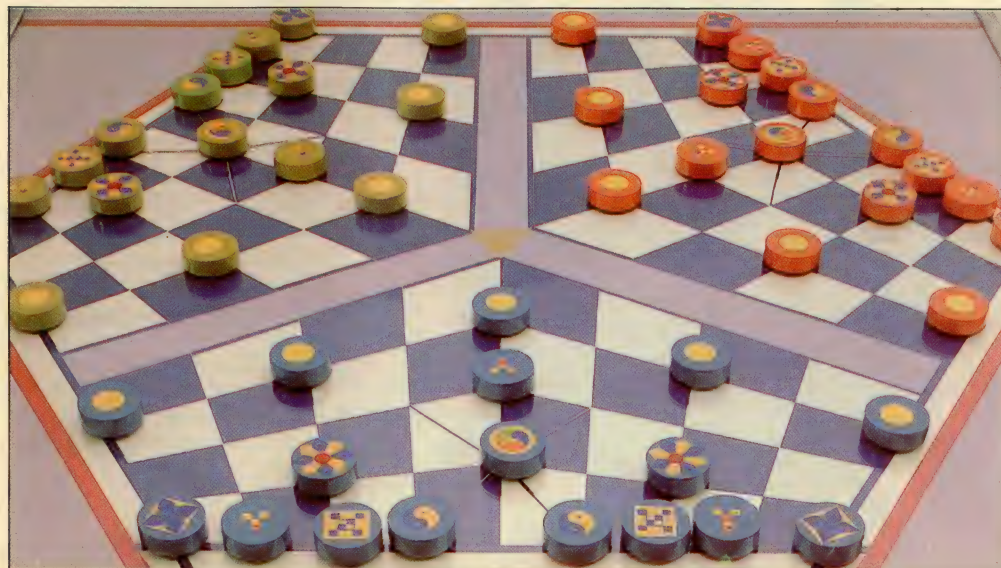


Left: Oblong chess, played on a 4 x 16 board, is a medieval variant that was played both with and without dice. Most pieces had less mobility than in our modern game of chess.

Below left: San-Kwo-Chi is an old three-player version of xiang qi (Chinese chess), and is said to have been based on the War of the Three Kingdoms (221-264 A.D.).

Above: Three-dimensional chess has been tried in many shapes and sizes during the past hundred years, but it remains more popular as a work of art than as a game.

Below right: Citadel chess or Shatranj Al-Husun, is named for the extra square in each corner, which was placed in any of three positions. Shown are the Elephant, Horse, and War Machine.

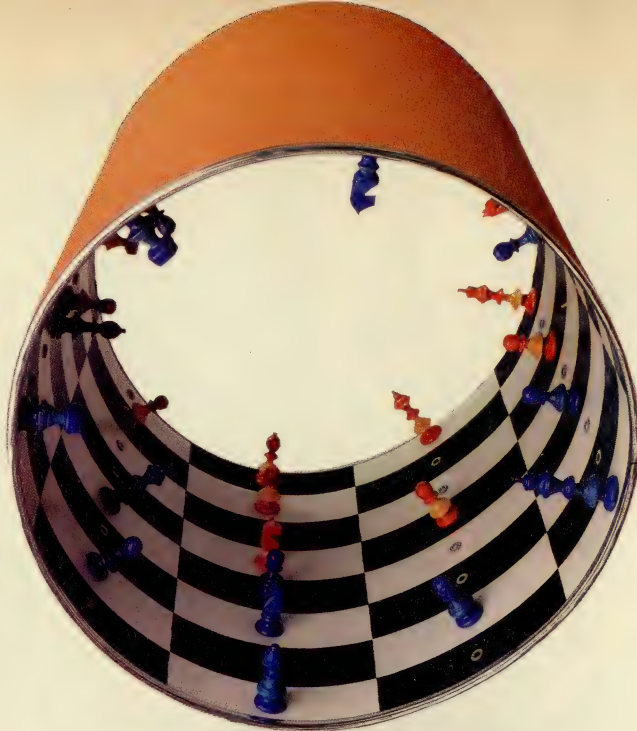


Top right: Cylindrical chess can be played on a regular board by imagining that the left and right board edges are taped together, so that pieces can move off one edge and come back on the other.

Middle right: Byzantine or Round chess was popular in and around Byzantium during the Middle Ages. One odd feature was that either player could remove blocked pawns; another was that a game was drawn if either king reached the center.

Bottom right: Spherical chess, a modern idea, can be played on a standard board, but it requires a good imagination to visualize how the pieces move in rounding the poles.

Below: The three wooden pieces are from Batak, an Indonesian variant.



"happening," in which many people would play the games, and the very act of play would become an ingredient in the work of art itself. While he has accomplished his first two goals, he has yet to find a sponsor to finance the third.

At 44, Wessels is one of Amsterdam's foremost artists. His devotion to art that must be *lived*, as well as observed, goes back at least to the 1950s, when his tour of duty with the Dutch navy took him to New Guinea. There he became engrossed in the native art objects, which, to him, owed much of their vitality to their use in magical rituals in the island's animist society.

In Amsterdam in 1962, dissatisfied with his work, Wessels burned all of his paintings. But he started anew, cre-

ating paintings, sculptures, murals, interior theater designs, and even sets for a light show and musical in Israel. One of his major pieces, in the permanent collection of the Amsterdam Museum of Modern Art, is a hollow, translucent globe about eight feet in diameter. Through a small opening in the bottom, a person can climb inside, where the light seems to come from all directions, and sound is cushioned. After a few minutes in this controlled environment, the "viewer" becomes disoriented, like a participant in a sensory deprivation experiment, and feels that he is floating in a womb.

Wessels has also applied his creative energy to projects beyond what is ordinarily considered art. During the 1960s, when Amsterdam was a crossroad in the international hippie movement, Wessels and some of his artist and writer friends turned an abandoned church into a psychedelically designed haven for destitute young people who would otherwise have slept in the streets. Then in the 1970s, when Wessels traveled to Indonesia to paint, he became interested in the many orphaned and tubercular children in Jakarta who had no place to live and no one to care for them. He raised funds, convinced people to donate free labor, and built an orphanage and a hospital.

During his nights in Jakarta, Wessels often played chess. Representations of chess pieces became part of his paintings. After returning to Amsterdam and doing research in such books as John Gollon's *Chess Variations: Ancient, Regional, and Modern* (Tuttle, 1974), he embarked on *Play Object*, which emerged from his studio about two years later.

"Like chesspieces, we each have our specific place in life, our own peculiar moves," Wessels believes. "And, like chess, life can be a kaleidoscope of change and variety. That's what *Play Object* is all about."

Frank Brady is an international arbiter of the World Chess Federation, and the biographer of Bobby Fischer.



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A Gambling Game 1,500 Years Ahead of Its Time
Adaptation by R. Wayne Schmittberger

Chaturanga

The oldest known form of chess, Chaturanga is a lively game in which moves are determined, as in backgammon, by a combination of dice rolls and player judgment. The version presented here takes some liberties with the traditional Indian rules for the sake of streamlined play.

Equipment A pair of dice; and a board and four sets of eight playing pieces, as shown. (An ordinary chess set may be used instead. Distinguish half the pieces of each color by tying a string or rubber band around them. Pawns may be used to serve as Soldiers, knights as Horses, bishops as Ships, rooks as Elephants, and kings and queens as Rajas.)

Teams The Red and Green forces are allied against the Yellow and Black forces. Fewer than four can play by having one person direct two allied forces. Allies may consult during the game.

Object The game is played for points, each point being worth an agreed-upon amount if players wish to play for money. More than one point can be earned in a game, and it is possible for both teams to earn points in the same game:

1. A team earns a point if it has the last surviving Raja on the board (*Chaturaji*).
2. A team earns a point for each opposing "throne" (Raja's starting position, as indicated by the four colored squares on the board) it occupies *with a Raja* during the game (*Sinhasana*), but it doesn't score twice for recapturing the same throne. No point is scored for occupying an allied throne (but it may be useful: see "Losing a Raja").
3. A team earns a point for capturing an opposing Raja *with a Raja*.

Play To begin, place each Raja on its throne, and group the remaining pieces of each color next to their Raja on the squares shown. Red moves first, followed by Yellow, Green, and then Black.

On each turn, a player rolls two dice. The numbers rolled indicate which piece or pieces he may move that turn:

Die roll	Piece that may move
1	Ship
2	Horse
3,4	Elephant
5,6	Raja or Soldier

A player may choose not to move, or to make just one move, or to make one move for each die roll. For example, on a roll of 2-1 a player could move his Horse, his Ship, or both his Horse and his Ship (in either order); but not his Elephant (the dice cannot be added together). On a roll of doubles, or a roll of 4-3 or 6-5, a player may move the appropriate piece twice!

A piece may not move onto a square occupied by a piece of its own color. It may move onto a square occupied by an opposing or allied piece, in which case the opposing or allied piece is deemed "captured" and is removed from play.

A **Ship** moves two squares (no more, no less) in any diagonal direction, jumping over the intervening square if occupied; a **Horse** moves like a knight in chess (two squares horizontally and one square forward or back, or one square horizontally and two forward or back, jumping over occupied squares if necessary); an **Elephant** moves like

a rook in chess (any number of squares horizontally or vertically, backwards or forwards, but never jumping over an occupied square); a **Raja** moves like a king in chess (one square in any direction, including diagonally), but unlike a chess king, it may move onto or remain on a square which is under attack from an enemy piece; and a **Soldier** moves like a pawn in chess (one square straight ahead when not capturing, one square diagonally ahead when making a capture), but unlike a pawn, it may not advance two squares on its initial move. Note that each set of Soldiers moves in a different direction, heading in each instance towards the side of board where its ally's pieces begin the game.

Soldier promotion When a Soldier reaches the far side of the board, it may be replaced by its owner's choice of any previously captured piece of the same color. If no pieces of its color have been lost, it must remain there immobile as a Soldier until a replacement becomes available, at which time the replacement must be made.

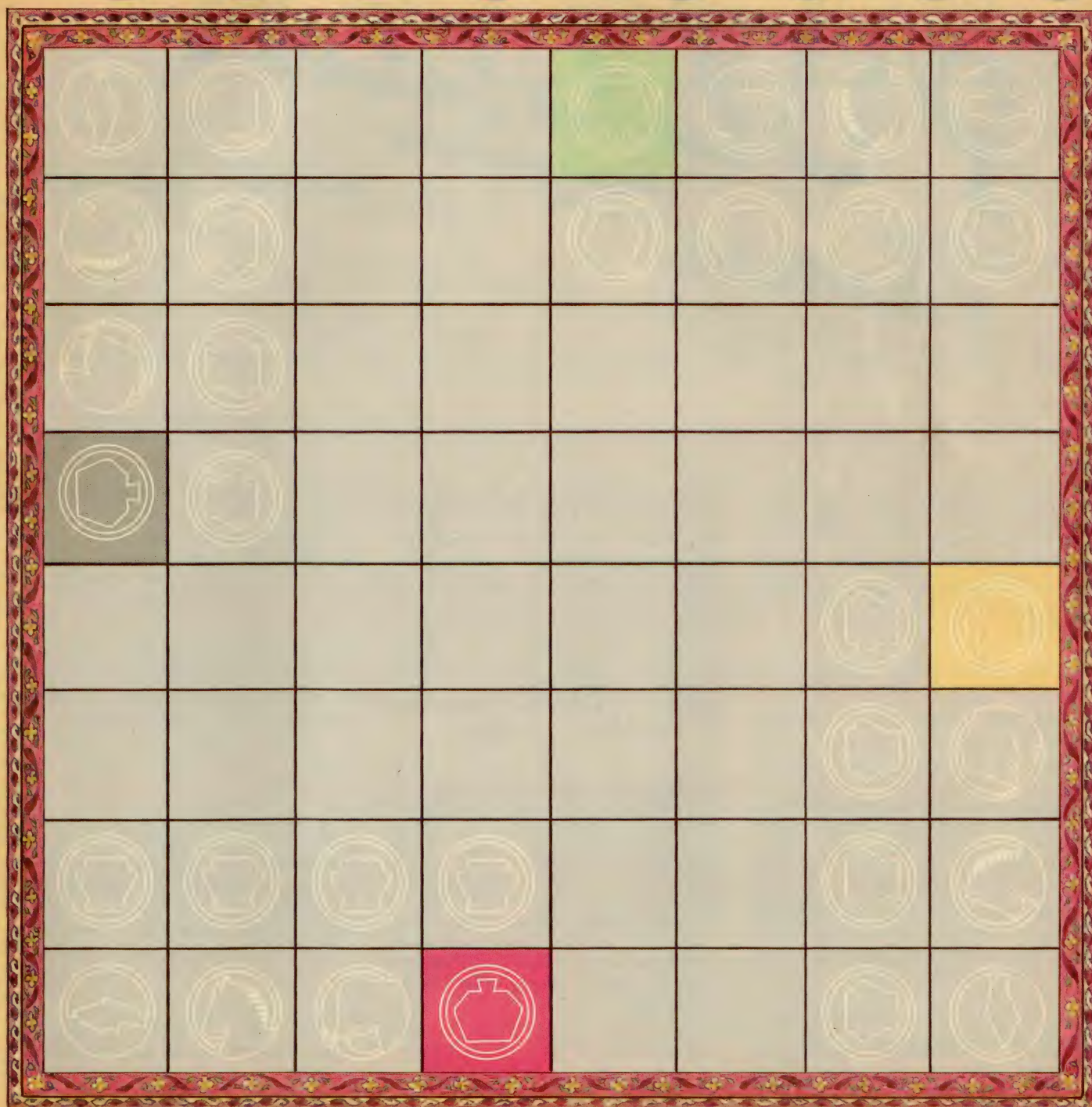
Losing a Raja When a Raja is captured, all remaining pieces of its color become immobile and may be captured in the normal manner by anyone. Their ally, however, may bring these pieces "back to life" by moving his Raja onto the lost Raja's throne. If this is achieved, the pieces become part of the ally's forces and may be moved by the ally on the ally's turn. They do not regain their own turn unless their own Raja should return to the game, either by Soldier promotion or by an "exchange of captured Rajas" (see next section), in which case control of these pieces reverts to their own Raja.

Exchange of captured Rajas When each team has lost one Raja, the player who captured the second Raja has the option of demanding an exchange of captured Rajas, which his opponent may not refuse. (Note that the player who captured the first Raja does not have the right to make this demand.) The demand must be made, if at all, immediately after the capture of the second Raja. If the exchange is made, each captured Raja is returned to its owner, who regains his turn as well. At his turn, and upon rolling a 5 or 6 on either die, the owner may then put his Raja back on the board on *any* vacant square (even on an opposing throne!). Once the Raja is back on the board, but not before, pieces of that Raja's color regain the ability to move. (In the same turn that a Raja returns to the board, the player owning it may make another move in accordance with the number on the other die.) **Important:** an exchange of captured Rajas can occur only once during a game.

Ending the game A game ends as soon as one team no longer has any Rajas on the board.

Playing without dice Chaturanga may also be played without dice, as a game of pure skill and partnership cooperation. In turn, a player simply moves any one piece of his choice; and instead of scoring as previously described under "Object," the winner is the team with the last surviving Raja on the board.

Optional rules Players who wish to follow the original game as closely as possible will find additional rules on page 68.



ANNOUNCING!

VOLUME 1, NUMBER 1

THE 4★ PUZZLER

INSIDE:

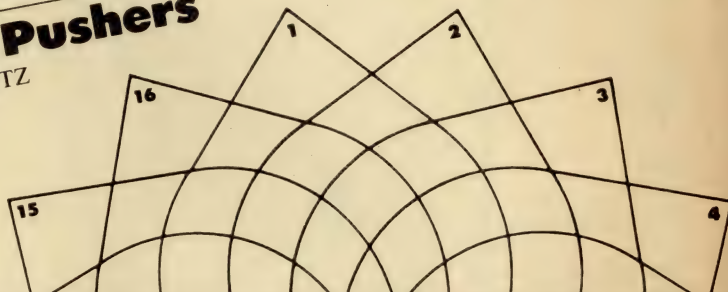
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PAGE 11
Puzzles of
The Sphinx

FOR STARTERS

We think most people get a big kick out of picking up with the solution to a problem. We think most people get a big kick out of picking up with the solution to a problem. We think most people get a big kick out of picking up with the solution to a problem.

Petal Pushers

WILL SHORTZ



A new publication from the editors of **GAMES**.

If you love "Pencilwise" and "Wild Cards" but want more, take heart. Better still, take THE NEW FOUR-STAR PUZZLER. Created by the editors of GAMES for solvers looking for new worlds — and new words — to conquer.

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Grab a pencil now to subscribe. And keep that pencil — as well as your wits — sharp and ready for the day your first issue of THE FOUR-STAR PUZZLER arrives!

PENCILWISE



Illustrated by Elwood Smith

Number Please!

The number is 65

by John B. Klein

Get ready for a double play. First you'll need to determine the numbers for each of the 25 "trivial" calculations labeled A through Y. Then you'll need to perform each calculation and enter the answer in the correspondingly lettered box in the grid. (Each number from 1 to 25 will be used once.) When all the boxes are correctly filled in, every row (across and down) and each corner-to-corner diagonal will total the same key number. Note: Once you've determined the key number by filling in any five boxes in a row, you'll have a clue toward filling in the other boxes—in much the same way that interlocking words provide clues in solving crossword puzzles.

Answer Drawer, page 68

CLUES

- | | | | | |
|----|----|----|----|----|
| A | B | C | D | E |
| 17 | 24 | 1 | 8 | 15 |
| F | G | H | I | J |
| 23 | 5 | 7 | 14 | 16 |
| K | L | M | N | O |
| 4 | 6 | 13 | 20 | 22 |
| P | Q | R | S | T |
| 10 | 12 | 19 | 21 | 3 |
| U | V | W | X | Y |
| 11 | 18 | 25 | 2 | 9 |
- 17 A. Baseball team + Whole tones in an octave $9+8$
 24 B. Disciples \times Gentlemen of Verona 12×2
 1 C. Dave Clark ____ - Horsemen of the Apocalypse $5-4$
 8 D. Octopus' arms + Generals in a squad $8+0$
 15 E. Baker's dozen + Faces of Janus $13+2$
 23 F. Jack Benny's "age" - Tennessee Ernie's "____ Tons" $39-16$
 5 G. Legs of a bovine + Eyes of a Cyclops $4+1$
 7 H. Ounces in an avoirdupois pound - The Muses $16-9$
 14 I. Snow White's dwarfs + "The ____ seas" $7+7$
 16 J. Television "Route" - Golden anniversary $66-50$
 4 K. Degrees in a circle \div Degrees in a right angle $360 \div 90$
 6 L. Dozen and a half - Signs of the zodiac $18-12$
 13 M. Amendments in the Bill of Rights + Triangle's sides $10+3$
 20 N. Octogenarian \div Pecks in a bushel $80 \div 4$
 22 O. Human adult's teeth - One decade $32-10$
 10 P. The senses + The Great Lakes $5+5$
 12 Q. Labors of Hercules + Attack hour in war $12+0$
 19 R. Original colonies + Sides of a hexagon $13+6$
 21 S. Lowest "natural" in craps \times The Fates 3×7
 3 T. Known planets \div Feet in a yard $9 \div 3$
 11 U. "Dinner at ____" + The R's $8+3$
 18 V. Wilson's points + Bits in a half dollar $14+4$
 25 W. Pentagon's sides \times The Little Peppers 5×5
 2 X. Booth Tarkington book - Men on a dead man's chest $17-15$
 9 Y. The Commandments - Dots in a semi-colon $10-1$

Musigram ★★

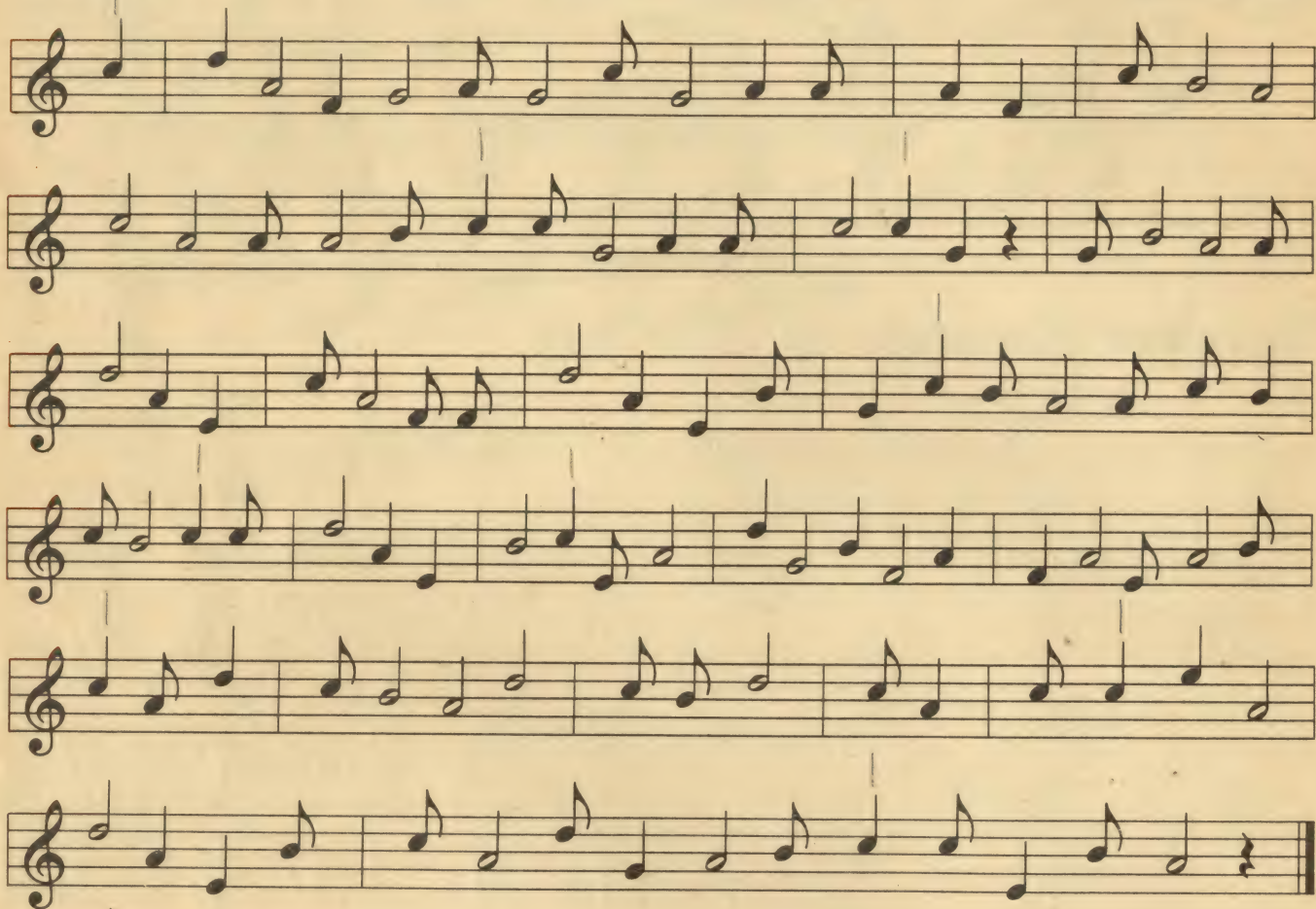
by Joseph Parisi, Jr.

With all due apologies to Bach, Beethoven, and the Beatles, we offer this tuneful invention—a cryptogram on the musical staff. Unlike a regular cryptogram, in which the letters of the answer have been replaced by other letters, the letters in this answer have been replaced by musical notes. Each different note stands for a different letter of the alphabet. You'll observe

that notes vary both according to their position on the staff and their type. Answer words are separated by solid bars on the staff, and a rest symbol (z) indicates a form of punctuation. You might try playing the notes when you're done (and singing the answer?), but we won't vouch for the melody.

Starting hint, page 69

Answer Drawer, page 70



So You Think You Know Monopoly! ★★

True or false, according to the rules of the Parker Brothers game Monopoly:

Answer Drawer, page 70



1. A landlord who is in Jail cannot collect rent. T (F)
2. A player who chooses not to buy a property he lands on may nevertheless bid for the property when it goes up for auction, and may even buy it for less than the value stated on the board if his bid is highest. T F
3. Your opponent owns both Boardwalk and Park Place, but Park Place is mortgaged. If you land on Boardwalk, you have to pay double the normal rent on account of your opponent's monopoly. T (F)
4. A "Get Out of Jail Free" card can be sold to the bank for \$50 anytime. (T) F
5. You have just acquired the Orange monopoly, with no houses on it. If the bank has only ten houses, but you have plenty of money, you can buy three hotels immediately, circumventing the housing shortage. T (F)
6. If you land on a Utility owned by a player who also owns the other Utility, you must throw the dice and pay ten times the amount showing on them. (T) F

Wackiest Wordies ☆☆

by the Readers of *Games*

Frankly, we might have lived happily without puzzling through another Wacky Wordie. But you, dear readers, sent us several thousand of these bits of insanity since our last go-round ("Yet Wackier Wordies," July/August 1980), so here is our fourth and final page of them. That's right, these are our "Wackiest" Wordies. A *Games* T-shirt to each of you whose work appears

on this page.

For newcomers: The object is to discern a familiar word, phrase, saying, or name from each arrangement of letters and/or symbols. For example, box 1a below depicts "sleeping on the job." Box 1b shows "cornerstone." Sure, those were easy, but don't feel smug yet.

Answer Drawer, page 66

a

b

c

d

e

f

Roger

1	<p><i>sleeping on the job</i></p> <p>sleeping job</p>	<p><i>cornerstone</i></p> <p>stone</p>	<p><i>jink jink jink</i></p> <p>jink jink jink</p>	<p><i>gnite</i></p> <p>gnite</p>	<p><i>da wn</i></p> <p>da wn</p>	<p><i>escape</i></p> <p>escape</p>
2	<p>right = right</p>	<p><i>house</i></p> <p>prairie</p>	<p><i>goodbye</i></p> <p>goodbye</p>	<p>milk</p>	<p><i>garage</i></p> <p>garage</p>	<p><i>comic</i></p> <p>comic</p>
3	<p><i>Lucille Ball</i></p> <p>Lucille</p>	<p>clou</p>	<p><i>ieieceiie</i></p> <p>ieieceiie</p>	<p><i>neegr</i></p> <p>neegr</p>	<p><i>ti o n</i></p> <p>ti o n</p>	<p><i>pölkä</i></p> <p>pölkä</p>
4	<p>MIRROR</p>	<p><i>full length mirror</i></p> <p>momanon</p>	<p>clams</p>	<p>ma√il</p>	<p>1.D 5.U</p> <p>2.R 6.L</p> <p>3.A 7.A</p> <p>4.C</p>	<p>ca se</p>
5	<p>TRN</p>	<p><i>ping</i></p> <p>willow</p>	<p><i>animation</i></p> <p>animation</p>	<p>sugar</p>	<p>hair</p>	<p>L V O R E E A T</p>
6	<p>bus</p>	<p>age</p>	<p><i>tip toe through</i></p> <p>TU X LOIP ES</p>	<p>m ce</p>	<p>eyebrows</p>	<p>ri</p>
7	<p><i>double decker</i></p>	<p>age</p>	<p>socket</p>	<p>TORTILLA</p>	<p>12safety345</p>	<p>house</p>

Cross-O☆☆

Hide-and-Seek Word Boxes

by Will Shortz

Hidden in each grid below are five words—four related objects or names, plus a fifth word that identifies what the other four have in common. Each word is divided into five parts and concealed sequentially from left to right in consecutive columns.

For example, the common element in Puzzle #1 is ISLAND, with the I in the first column, S in the second, L in the third, AN

in the fourth, and D in the fifth. Similarly, SICILY, one of the four islands hidden in the grid, is found consecutively: S/I/C/I/LY. Now see if you can find the three remaining hidden islands. Then try the other grids on your own. You may cross out squares as you solve, because each will be used once and only once.

Answer Drawer, page 66

S	A	C	A	N	A
I	A	I	N	I	N
T	R	L	E	D	
B	O	S	M	A	O
S	I	W	O	L	Y

P	E	R	N	U	R
J	E	P	I	T	S
M	L	N	T	E	O
P	L	U	C	U	T
V	A	U	E	Y	

R	P	X	T	Y	
B	C	G	R	R	Y
A	R	A	O	I	N
S	O	R	A	B	E
K	U	H	E	G	

1. ISLAND

Sicily Taiwan
Samoa Borneo

2. PLANET

Pluto Venus
Mercury Jupiter

3. _____

C	G	N	I	N	C
T	R	C	O	K	
E	A	I	N	O	I
D	O	R	T	I	A
M	O	G	N	G	

P	O	C	P	O	O
M	T	Y	O	E	
R	I	V	K	N	
P	A	O	R	I	Y
A	S	T	C	H	R

D	U	A	E	A	
H	A	M	T	E	
M	H	U	C	A	
R	I	N	S	C	H
C	U	N	B	L	E

4. _____

5. _____

6. _____

H	A	T	O	T	E
M	U	U	A	R	E
N	O	R	H	D	
E	O	B	B	R	E
G	A	T	S	H	

L	M	P	O	M	N
H	R	A	Y	R	A
D	I	H	S	K	
C	O	A	O	D	S
B	V	S	Z	E	R

F	A	L	U	A	D
T	A	S	R	T	
S	E	D	O	A	F
C	A	O	L	I	D
W	R	S	S	E	R

7. MOTHER

Hubbard Nature
Earth Goose

8. COMPOSER

LISZT BRAHMS
HAYDN DVORAK

9. SALAD

WALDORF FRUIT
CAESAR TOSSED

Communing with the Spirits★

by John Meux

Ante

Answer Drawer, page 70

ACROSS

- 1 List of actors
- 5 Knock into bits
- 10 Garbage boat
- 14 Jai _____
- 15 Jonas Salk's conquest
- 16 One of the Three Bears
- 17 Happy Hour order: 3 wds.
- 20 Mrs. Roosevelt
- 21 Sarcasm
- 22 Excavate
- 23 _____ syrup
- 26 Sinking ship deserter
- 29 Thing, in law
- 31 Ready to be paid
- 32 El _____
- 35 Adjust, as auto wheels
- 37 Kentucky brew?
- 40 Protuberance
- 41 Wife's gift at marriage
- 42 Race track shape
- 43 Drink for a wedding toast
- 45 Deceptive move
- 46 Actor Holbrook

- 47 Carpet
- 48 Pass away
- 50 Meadow
- 51 Billy Carter connection
- 53 Second-rate horse
- 55 Soothing "salts"
- 58 The M in ICBM
- 62 TV-watching snacks: 3 wds.
- 66 Raised, as cattle
- 67 Archaeological find
- 68 Ship's pole
- 69 Soap lather
- 70 "_____ of robins in her hair": 2 wds.
- 71 "Oh, all right"
- 7 Morning clock sound
- 8 Transgression
- 9 Brick-carrier
- 10 Extra tire
- 11 Roman statesman
- 12 "_____ sesame"
- 13 Cautious
- 18 Child: Scot.
- 19 Beguiling tricks
- 24 Idolized
- 25 Small and runty
- 26 The Ponderosa, for one
- 27 Honolulu hello
- 28 _____ wave
- 30 Smoky and foggy
- 32 The C in ACLU
- 33 Foolish
- 34 D, to the Greeks
- 36 Jewel
- 38 Confess (with "up")
- 39 Tool for weeding
- 41 Smear on
- 44 _____ donna
- 45 Sumptuous repast
- 49 Bug
- 51 The House of _____
- 52 Enough

DOWN

- 1 Mr. Calloway
- 2 Medicinal plant
- 3 King David's predecessor
- 4 Weary
- 5 Kind of cake or rubber
- 6 Prefix meaning "one"



- 54 Thingamabob
- 55 Wanes
- 56 Lima's country
- 57 Kernel
- 59 Spring flower
- 60 Unauthorized disclosure
- 61 Born Free star
- 63 New Deal agency: Abbr.
- 64 Animal lair
- 65 Pigpen

Going to Great Lengths★

by Gene Traub

We don't think this quiz should take very long to solve. The answer to each clue is a familiar name, phrase, or expression that contains the word LONG. For example, the clue "written in script" would be answered LONGHAND. If you get twelve answers correct, you're really coming a-long.





Answer Drawer, page 68

1. Treasure Island character LONG JOHN SILVER
2. 33-1/3 RPM LONG PLAYING RECORD
3. Hiawatha poet LONGFELLOW
4. Mitch Miller musicfest SING-ALONG WITH MITCH
5. Kind of music or intellectual LONG JUMP
6. Track-and-field event LONG DIVISION
7. Tedious arithmetic HOP A LONG CASSIDY
8. Cowboy of movies and TV LONG LEGS
9. Eight-legged "patriarch" LONGJOHN
10. Warming winter wear LONGSHOREMAN
11. Dock worker FURLONG
12. Race track distance LONG LIVE THE
13. Toast to the new leader LONG SHOT
14. 1,000,000 to 1 (O)BLONG
15. Geometric figure SO-LONG
16. Bye!

Who Puzzled Us the Most in 1980? ★

Draw Your Own Conclusion!

The nominations for the first (and possibly last) Gamesman of the Year award were few this year due to the stringent requirements set by our editorial board—namely, that he (1) have a familiar face, and (2) take life as seriously as we do.

While most other publications hail their honoree proudly on their front cover, naturally and appropriately we're presenting the Gamesman of the Year as a puzzle. The "partly developed" image on the facing page will come to life when you fill in the squares indicated in the key below. Squares indicated under the heading "Black" should be circled in with a dark pencil like this: . Those indicated "Light Gray" should be circled in with a light pencil like this: . ("Light Gray" is half as dark as the preprinted circles at right.) In addition, some

squares will remain white. When completed, hang the four-tone illustration on a wall and step back a distance of 10 feet or more. A "photographic" portrait of the Gamesman of the Year will emerge.

How to read the key: The abbreviated notation "A 47-62" under the heading "Black" means "Draw heavy black circles in all the squares in Column A (the far left-hand vertical column) from rows 47 to 62 inclusive."

Solving Tip: This puzzle is best filled in by a team of two people working together. One person reads the coded notations while the other fills in the squares. The first person to recognize the identity of the Gamesman of the Year buys the beer.

Answer next issue.





Black

A 47-62
B 45-53, 56-62
C 44-49, 55-62
D 43-49, 54-62
E 42-47, 52-62
F 20, 41-44, 49-62
G 19-20, 40-45, 53-62
H 19-20, 40-44, 50-53, 60-62
I 18-20, 40-43, 51-53, 55, 57-62
J 18-20, 40-43, 48-49, 57-62
K 18-19, 39-42, 48-51, 53-62
L 18-19, 39-42, 53, 60-62
M 19-20, 39-43, 49-50, 53, 55-58, 60-62
N 11-15, 19-26, 39-43, 49-50, 53, 60-62
O 8-15, 19-30, 38-40, 47-51, 53-62
P 7-8, 12-15, 19-23, 31-32, 38-40, 53, 60-62
Q 5-7, 9-10, 12-15, 19-20, 24, 40, 46-49, 53-58, 60-62
R 4-6, 8-10, 12-15, 20, 25, 59-62
S 3-6, 9-10, 12-15, 20-21, 25, 45-49, 54-58, 60-62
T 2-15, 20-21, 25, 30, 54-55, 60-62
U 2-15, 20, 24-27, 48-50, 54-62
V 2-10, 15, 21-23, 50, 54-62
W 2-7, 15, 21, 60-62
X 1-4, 15, 21-23, 53, 55-56, 58, 60-62
Y 1-3, 15, 20-21, 24, 53-62
Z 2, 15, 20, 25, 46-47, 49-51, 53-62
a 2-4, 14-15, 20, 25, 45-53, 60-62
b 2-6, 14-15, 20-21, 25, 30, 45, 53, 55-56, 58-62
c 2-7, 14, 20-21, 25, 43-45, 47-51, 53-54, 57, 59-62
d 3-9, 14, 20, 24, 42-55, 56-58, 60-62
e 4-7, 9-10, 14-15, 20-23, 57-62
f 5-7, 11-16, 20, 40, 42, 45, 48, 50, 52-54, 57-62
g 15-17, 20, 40, 42, 45, 48, 50, 52, 54, 58-62
h 15-24, 41, 45, 48, 50, 53-54, 58-62
i 15-25, 41, 45, 48, 50, 52, 54, 58-62
j 14-15, 17-20, 28-37, 41, 43-45, 47-48, 50, 52-54, 58-62
k 14-15, 18-20, 27-37, 58-62
l 15-20, 26-29, 31-37, 58-62
m 15-28, 32-37, 58-62
n 16-19, 22-25, 28, 33-37, 58-62
o 33-39, 45-55, 58-62
p 35-39, 45-55, 58-62
q 38-40, 47-55, 58-62
r 39-40, 51-55, 58-62
s 40-41, 47-55, 58-62

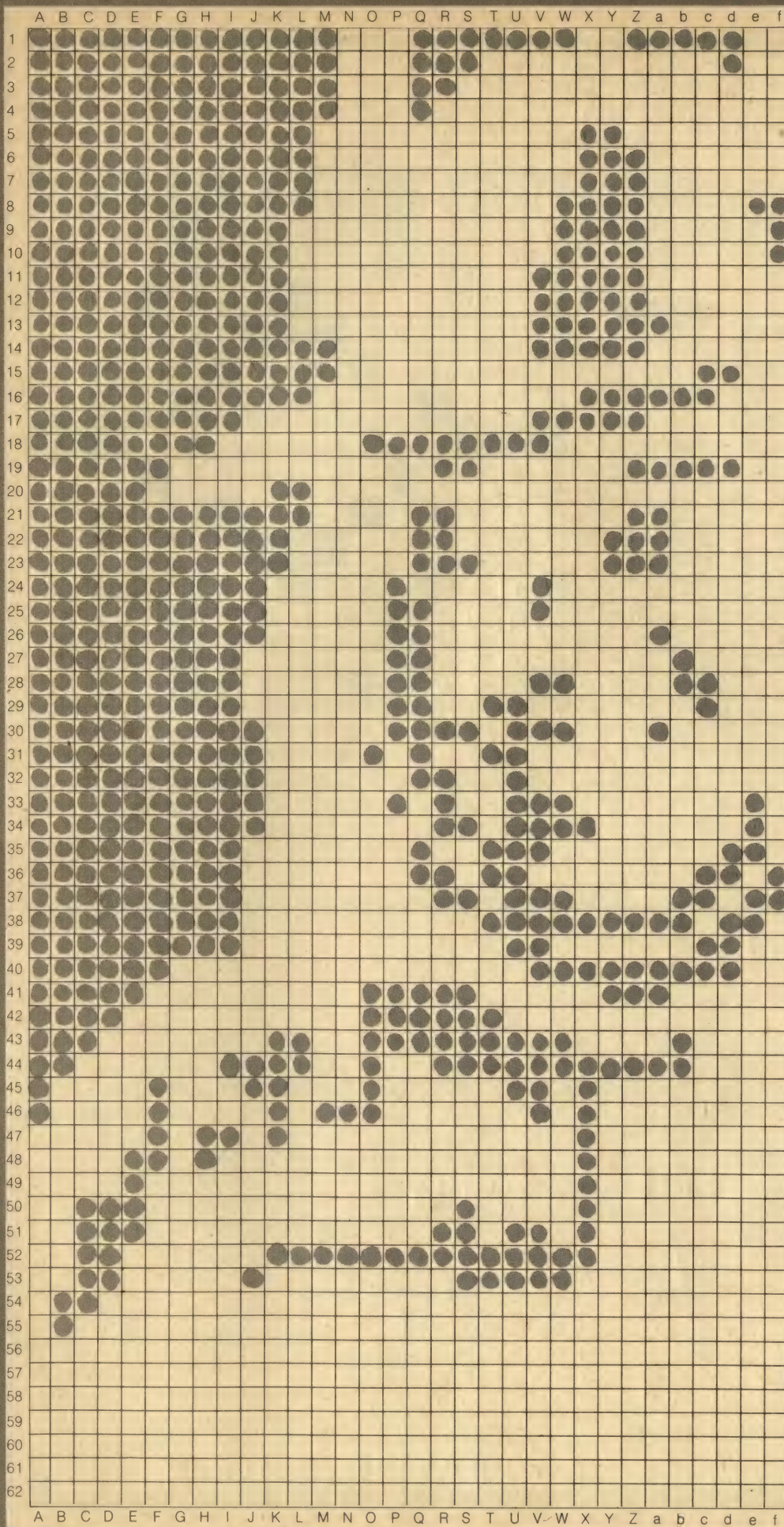
Light Gray

A through I (none)
J 27-29, 35-39
K 24-38
L 10-13, 22-38
M 5-13, 18, 21-38
N 1-10, 18, 27-38
O 1-7, 32-37
P 1-6, 34-37
Q 17, 33-34, 37
R 16-17, 29, 31, 35
S 16-17, 35-36
T 16-17, 37
U 16-17, 28
V 16, 27, 31-32, 36
W 16, 27, 32, 36, 39
X 27, 30, 32, 39
Y 27, 30, 32-33, 39
Z 3-5, 27, 30, 32-33, 39
a 5-12, 32, 39
b 7-13, 23, 29, 31, 39
c 8-13, 38
d 10-13, 29-30, 37
e 1-3, 11-13, 36, 39-55
f 1-4
g (none)
h (none)
i (none)
j 21
k 22, 38-55
l 22-23
m (none)
n 38-55
o (none)
p (none)
q (none)
r (none)
s (none)

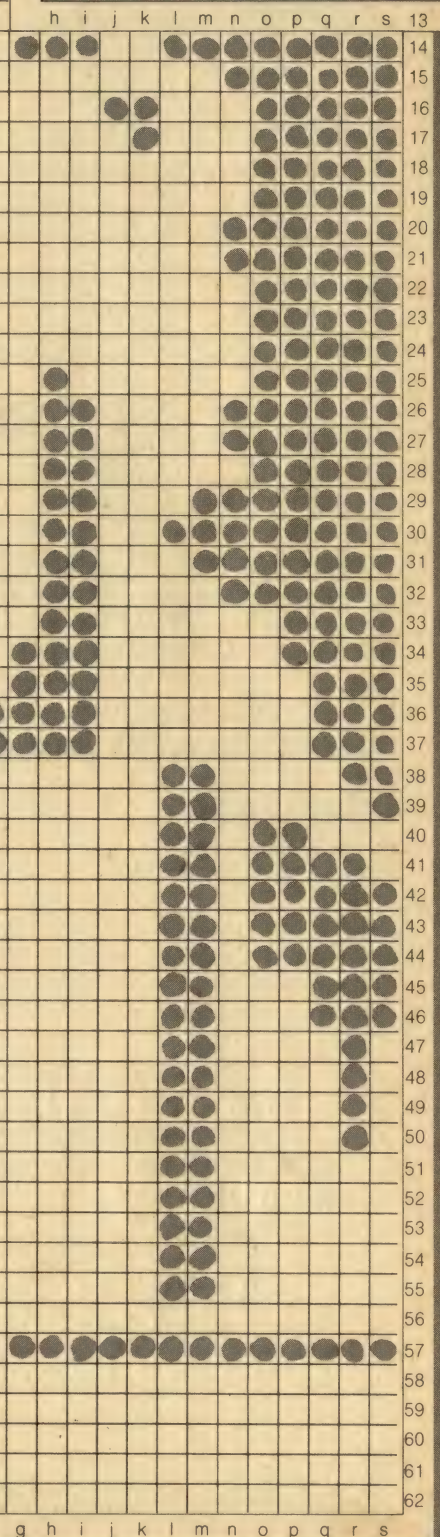
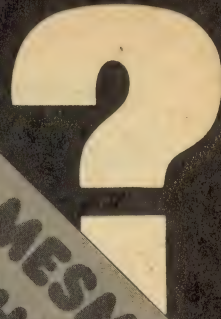
Summary of Tones

1.  (White)
2.  Light Gray
3.  Dark gray (Already filled in)
4.  Black

Note: This is not the hidden contest.



THE GAMESMAN OF THE YEAR



S.O.S.★★

by Stephanie Spadaccini

Help! I am being held captive in a crossword puzzle factory
(Mark, Ante)

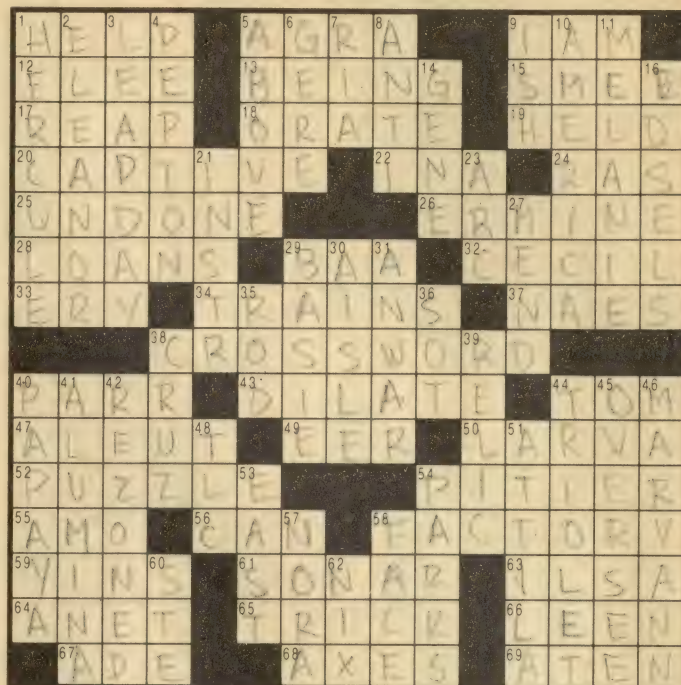
One of our staff members who works in the back room made this crossword. We're not sure why she picked this title or why asterisks appear alongside nine of the clues, but we're printing the puzzle just as she gave it to us.—Ed.

ACROSS

- *1 Beatles movie
5 Taj Mahal site
*9 "_____ the greatest!": 2 wds.
12 Gen. Robt. _____
*13 Essence
15 Captain Hook's assistant
17 Harvest
18 Make a speech
*19 Clutched
*20 Prisoner
*22 "Time _____ Bottle": 2 wds.
24 Ethiopian prince
25 Loosened, as a shoelace
26 Royal fur
28 Bank transactions
29 Sheep's cry
32 "The Seaisick Sea Serpent"
33 Suffix with brew or crock
34 Choo-choos
- 37 Scots' "nots"
*38 Games specialty
40 Catherine _____, Henry VIII's #6
43 Expand, as one's pupils
44 Singer Jones
47 Alaskan native
50 Caterpillar, e.g.
*52 Bewilder
54 Sympathizer
55 _____, *amas*, *amat*
56 Blackguard
*58 Assembly-line place
59 Yangs' partners
61 Submarine device
63 Bergman's *Casablanca* role
64 Dill herb
65 One Halloween choice
66 Alone, to Robert Burns
67 Summer refresher
68 Logger's tools
69 "_____ o'clock scholar"

DOWN

- 1 M. Poirot
2 Mrs. Roosevelt
3 February 29: 2 wds.
4 Biochemical prefix
5 "_____ the fruited plain"
6 American *Gigolo* star Richard
7 Small stream
8 Not pro
9 Adjective suffix
10 Alistair Cooke book
11 Single-named singer
14 Rayburn of *The Match Game*
16 Ford's "lemons"
21 Teacher: Abbr.
23 Part of a circle
27 Darn
29 Musical "Count"
30 Usher's realm
31 Mr. Sadat
35 "Spare the _____"
36 Drunkard
38 Cross: Sp.
39 Memento
40 Tropical fruit



Answer Drawer, page 69

- 41 Al_2O_3 , used as an abrasive
42 Districted again
44 Eight-line stanza
45 Do a foreman's job
46 Actress Mobley: 2 wds.
48 Gentle handling, for short
51 #1 Hun
53 Orient
54 Ron Ely's predecessor
57 Mrs. Copperfield
58 Confront
60 Sault _____ Marie
62 Slangy negative

Oops!★★

by Gloria Rosenthal

Stupid us. In dashing off these 10 famous quotations we inadvertently changed one word in each. See if you can spot and circle the incorrect word, and write the correct replacement in the blank at the side. Then identify the source of each quote.

1. "Speak softly and carry a big umbrella."
STICK Teddy Roosevelt
2. "Give me liberty or give me Newsweek."
DEATH Patrick Henry
3. "If you can't stand the garlic, get out of the kitchen."
HEAT Harry Truman
4. "Sorry about that, Chef."
CHIEF Maxwell Smart
5. "But, soft! What rock through yonder window breaks."
LIGHT Romeo

Example: "I have not yet begun to write."

FIGHT (John Paul Jones)

Answer Drawer, page 69

6. "Would you like to be vice-president for a day?"
KING
7. "Who knows what secret lurks in the hearts of men?"
EVIL (The Shadow)
8. "Hi-yo Goldie! Awa-a-ay!"
SILVER Lone Ranger
9. "Never give a pool-shark an even break."
SUCKER
10. "Damn the mosquitoes—full speed ahead!"
TORPEDOES Dewey

★ WILD CARDS ★

Edited by Lisa Feder



For the Record

Planet Waves

A recent poll of our office staff determined that not one of us knew the name of the outermost planet of the Solar System. Before we hear any snide remarks about our lack of astrological acumen, can you give us the right answer?

—Alan Newman

Answer, page 38

Number Play

Times Square

Find the right digits to replace the letters in these two numerical cryptograms and the bottom lines will work themselves out!

1.	EE	2.	OH
×	EE	×	OH
	AEY		WRD
	AEY		HER
	EASY		HARD

—Charles Joyner

Answer, page 38

No Kidding



The Long and the Short of It

The words that pass between a waitress and a short-order cook are more than mere conversation: they're "diner talk." Your rather mundane order of two slices of rye toast becomes "double whisky down," and the scrambled eggs, simply, "wrecked." Can you recognize your favorite foods among this mixed grill of diner jargon?

1. Adam and Eve on a raft
2. Radio (Also: "Tune it down")
3. Coney Island chicken
4. A baby
5. Dog Soup
6. Fly cake
7. Sinkers and suds
8. Nervous pudding
9. Bossy in a bowl
10. Birdseed

—from *The Food Lover's Book of Lists* (New American Library, Inc.), © 1979 by Patricia Altobello and Deirdre Pierce.

Answer, page 38

Word Play



A Dizzy Spell?

We recently embarked on a Boggle bonanza in which we limited ourselves to words of five letters or longer, to be found in a measly 4 x 4 grid. By moving from letter to letter in any direction, but without using the same grid letter twice in the same word, we quickly found "STRINGER." By the time we were through (hours later), we added 49 other words of five letters or more to our list. Can you do better? (Note: a word may begin anywhere in the grid.)

—P.M.W.

D	E	T	R
A	N	I	S
R	O	G	A
C	E	L	P

Answer, page 38

Teasers

The State of the Union

U.S. Geography leaves some of us in a state of shock, others in a state of confusion, and the remainder—mapmakers, no doubt—in a state of grace. Test your statewide savvy with this quiz on a few of our 50 states and their capital cities.

Which state . . .

1. borders only one other state?
2. uses only four letters to spell its name of eleven letters?
3. has three different consecutive vowels in its spelling?
4. is spelled with four letters and pronounced with three syllables? (2 answers)
5. has its name in its capital city? (2 answers)

Which state capital . . .

6. contains a president's last name? (4 answers)
7. has a month's name in its spelling? (2 answers)
8. has the word city in its name? (4 answers)

—O.J. Robertson

Answer, page 38

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Tough Nuts



A Tricky Situation

This bridge hand is designed for betting. South is declarer in four spades, and you are to choose whether to play the hand or defend. In either case, the opening lead must be a heart. So study the cards, pick your side, and put up your money.

—Mel Stover

NORTH

♠ —
♥ K Q J 9 6
♦ A K 10 8 4 2
♣ J 7

WEST

♠ K 5
♥ 8 5 4 3 2
♦ Q 9 7 6 5
♣ A

EAST

♠ Q J 2
♥ A 10 7
♦ J 3
♣ Q 10 9 8 6

SOUTH

♠ A 10 9 8 7 6 4 3
♥ —
♦ —
♣ K 5 4 3 2

Answer, page 38

Number Play



On the Spot

In a domino set (in which each domino contains two numbers, as shown) each number from zero to six is paired exactly once with every other number from zero to six as well as with itself. How many dominoes are there?

Answer, page 38

Hall of Fame



Animal Cracks

We wonder what the reticent turtle and our other animal friends would say if they could. Would they tell tales like these?:

Turtle: They are mocking me.

Hare: Over to you, tortoise.

Dog: I have passed the last lamp-post.

Pig: I hope to save my bacon.

Snail: This house to let.

Slug: How I regret my salad days.

Camel: I feel the penultimate straw.

Walrus: The time has come.

Lobster: Why are you all blushing?

Crocodile: Tears, idle tears.

Chameleon: I wonder, shall I wear my flame or my white?

Weasel: Pop.

—From Another Almanac of Words at Play (Clarkson N. Potter, Inc.), ©1980 by Willard Espy.

If..., Then...



The Balance of Power

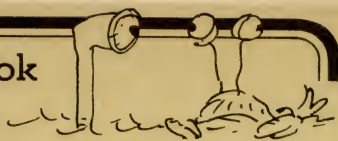
In a tug of war, four Boxers can pull as hard as five Collies.

And two Collies with one Boxer can pull as hard as a Labrador Retriever.

If the Labrador Retriever and two Collies tug against four Boxers, which side will win?

Answer, page 38

Look



What's the Angle

Something shady is going on in the triangle shown here. Using only the digits 0, 1, 2, 3, 5, and 9, can you make each of the 10 "diagonal" rows in the triangle total the same number. Aye, but here's the rub: each area shaded the same way must also contain the same number.



—from *Geometric Cross Sums* (Workman Publishing Co.). © 1977 by David Whitelaw, David de Jongh, and Edward Fulbrook.

Answer, page 38

Teasers

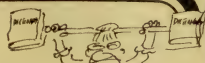


2001

On what days of the week can the first day of a century fall? (The first day of the twentieth century was January 1, 1901.)

Answer, page 38

Word Play



Wordly Wise

What do the following words have in common?

BUTTER	SHAG	CHORD
CALL	LOW	WAX
SCARE	BEAT	SHOO
TON	COMA	CHES
QUASH	WARM	SQUEAK

—H.H.

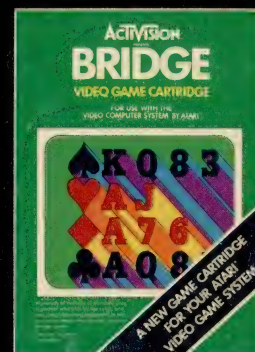
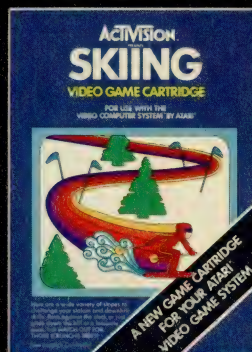
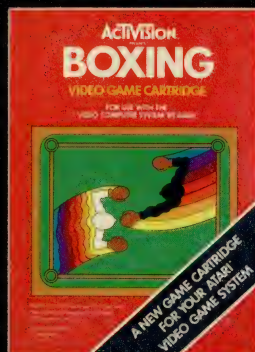
Answer, page 38

CHOOSE YOUR CHALLENGE.

PUNCH.

SCHUSS.

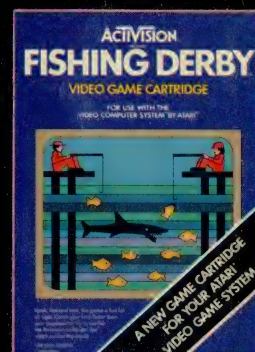
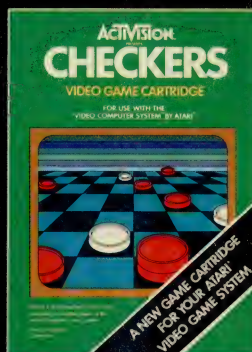
SLAM.



DRAG.

JUMP.

HOOK.



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System provides more
value in concepts, materials
and performance than any
other speaker system.**



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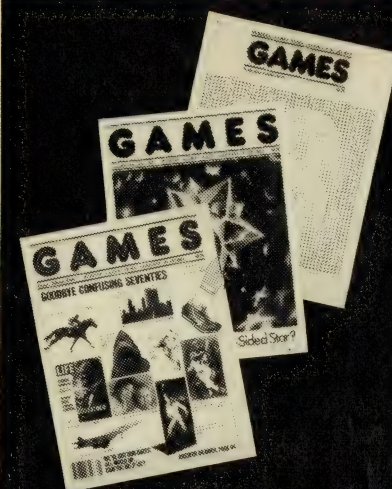
Conventional speakers direct sound to you from the front of the cabinet only. Bose 901 speakers reflect 89 percent of their sound off the rear and side walls and the ceiling. At precise angles. Only 11 percent of the sound comes directly to you. This exclusive combination of reflected and direct sound simulates live-performance sound better than any conventional speaker.

(CONTINUED ON PAGE 39)



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See contest on page 39 of this issue!



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WILD CARD ANSWERS

Planet Waves

If you guessed Pluto, you guessed wrong. Neptune has been the outermost planet since January 23, 1979, when it crossed paths with Pluto, and will remain so until March 14, 1999, when their paths cross again and Pluto regains the title.

Times Square

1. 99	2. 52
x99	x52
891	104
891	260
9801	2704

The Long and the Short of It

- Poached eggs on toast
- Tuna fish on toast
- Hot dog
- Milk
- Water
- Raisin bread
- Doughnuts and coffee
- Jello
- Beef stew
- Cereal

A Dizzy Spell?

Agonist	Lasted	Roisted
Alone	Lasting	Salon
Anger	Loaned	Signed
Anted	Pained	Signet
Antis	Painted	Singer
Astringe	Pairs	Stein
Coined	Pasted/ing	Steno
Coned	Plage	Stinger
Conte	Plain	Stingo
Corned	Range	Stringer
Cornet	Ranted	Tenor
Craned	Regained	Tined
Egoist	Regal	Tingle
Eloigned	Region	Tried
Galore	Reload	Trigon
Gastrin	Rigor	Trined
Ignore	Ringer	

The State of the Union

- Maine borders only New Hampshire.
- Mississippi
- Louisiana
- Ohio, Iowa
- Indianapolis, IN; Oklahoma City, OK
- Jackson, MS; Jefferson City, MO; Madison, WI; Lincoln, NE
- Augusta, ME; Juneau, AK
- Oklahoma City, OK; Carson City, NV; Jefferson City, MO; Salt Lake City, UT

A Tricky Situation

Suppose you opt to be declarer. You play a heart honor at trick one and ruff the Ace. When you continue with the Ace of spades, you get a surprise: West drops the King and East the Jack. East takes the next spade and then leads the deuce of spades, on which

West jettisons the Ace of clubs. Now you are done for, as East sits back and waits to collect four club tricks.

Bridge hustlers are ready for the smart guy who chooses to defend. A switch of the two and three of spades reverses the plot: when East leads the three, South just drops the deuce. The defenders must now allow South to reach dummy (either before or after they take the Ace of Clubs), so South easily makes ten tricks.

On the Spot

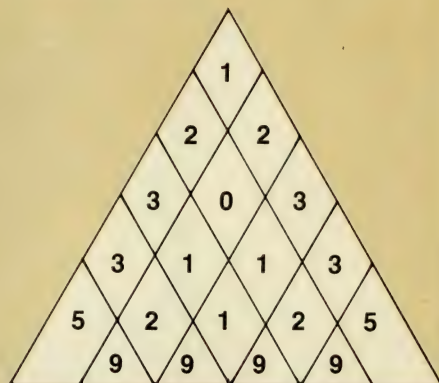
Twenty-eight dominoes, as follows: 7 dominoes of 0 combined with 0 through 6; 6 dominoes of 1 combined with 1 through 6; 5 dominoes of 2 combined with 2 through 6; 4 of 3 combined with 3 through 6; 3 of 4 combined with 4 through 6; 2 of 5 combined with 5 and 6, and 1 of 6 combined with 6. Hence, $7+6+5+4+3+2+1=28$.

The Balance of Power

The Labrador Retriever and two Collies will be the winners.

From the second tug of war, we know that the Labrador Retriever is equal in strength to two Collies and a Boxer. So the last tug of war is equal to a battle between four Collies and a Boxer on one side and four Boxers on the other. Removing a Boxer from each side will not change the outcome, so the last battle is also equivalent to four Collies against three Boxers. The first tug of war told us that a Collie tugs 4/5 as hard as a Boxer, so four Collies will tug as hard as $3\frac{1}{5}$ Boxers. Therefore, a Labrador Retriever and two Collies will be stronger than four Boxers.

What's the Angle?

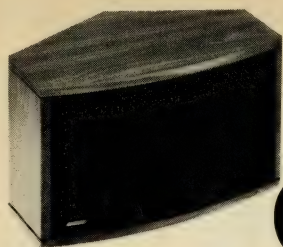


2001

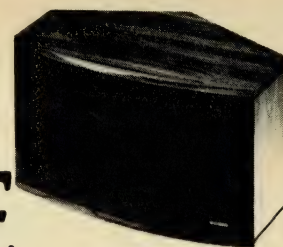
By a quirk of our calendar, the first day of a century can fall on only a Monday, Tuesday, Thursday, or Saturday. The twenty-first century will start on a Monday.

Wordly Wise

If you replace the last letter of each of these words with the letter that follows it in the alphabet, a new word is formed (i.e., BUTTER, BUTTES).



THE **BOSE**® 901® SPEAKER CHALLENGE



Tell us how many parts go into a pair of Bose 901 Speakers *and* Active Electronic Equalizer—and you could win yourself the system (completely assembled, of course)!

Take a guess from the photo spread on pages 36-37 of this issue (not all parts are pictured), or solve this puzzle to find the correct answer! **FIRST PRIZE**—A pair of Bose 901 loudspeakers and Active Electronic Equalizer. **SECOND PRIZE**—A pair of Bose 601 loudspeakers. **THIRD PRIZE**—A pair of Bose 501 loudspeakers.

1C	2F	3C	4E		5Q	6I	7Q	8K	9M	10C	11B		12A	13H	14B		15C	16H	17O	18O	19Q	-	20C	21D
22G	23E		24D	25G	126F	27J	28M		29Q	30B		31E	32F	33E	34I		35K		36N	37M	38N	39N		40B
41C		42A	43H	44H	45N		46N	47K	48Q	49R	-	50C	-	51F	52G	53H		54I	55J	56O	57L	58Q	59S	60A
61C		62A	63K	64F		65I	66R	67O		68S	69R	70A	71E	72Q	73I		74L	75C	76O	77P	78P	79Q	80D	81E
82F	83M		84M	85P	86J	87P	88M	89S	90D	91D	92D		93I	94J		95L	96K	97S	98S	99P	100A	101E		102B
103C	104N		105J	106N	107M	108P	109N	110A	111B		112D	113G	114D		115L	116E		117H	118Q	119S	120D	121A	122D	
123G	124L	125G		126L	127Q	128O	129N	130D	131J	132E	133L	134G		135J	136R	137L	138R	139S						

- A. Game similar to chemin-de-fer
42 110 100 121 12 60 62 70
- B. Sale merchandise, sometimes: 2 wds
30 11 14 111 40 102
- C. How to get to Buffalo: 2 wds
61 103 3 20 1 75 10 50
41 15
- D. Ad-lib
120 114 122 130 112 24 80 92
21 90 91
- E. Wife of Ikhnaton
81 101 116 23 4 132 31 33
71
- F. Not al fresco
- G. *Feliz* _____, holiday greeting south of the border
82 32 64 51 2 26
52 123 22 113 134 25 125
- H. American inventor (1847-1931)
53 117 16 44 43 13
- I. Beginning
34 6 93 54 73 65

- J. Devilfish
94 131 27 105 55 86 135
- K. Low point
63 35 8 47 96
- L. _____ plan, hotel rates without meals
133 137 126 115 95 74 57 124
- M. With word N, Sir Percy Blakeney's alter ego
28 83 37 9 88 84 107
- N. See word M
36 38 109 106 104 39 46 45
129
- O. Weakened; worn-out
56 17 128 76 18 67
- P. Find "not guilty"
87 77 85 99 108 78
- Q. Ruler of England, 1413-1422: 3 wds
58 118 7 29 5 127 48 79
19 72
- R. Tennyson's _____ Arden
49 138 136 69 66
- S. Used the CB
119 68 98 89 97 59 139

(CONTINUED FROM PAGE 37)

Conventional speakers provide balanced stereo only along a narrow lane between them. The Bose® 901® Direct/Reflecting® speaker system is designed to solve this problem. Because of its unique sound dispersion pattern, it gives you true, balanced stereo almost everywhere in the room.

Conventional speakers use woofers for bass and tweeters for high frequency reproduction, and have an inherent sound distortion called crossover coloration. Bose 901 speakers have no crossover coloration because there are no woofers and tweeters. Instead, nine full-range drivers in each speaker cover the entire audible frequency range individually, producing more accurate sound.

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Each entry must be mailed separately and be received by **February 9, 1981.**

Conventional speaker enclosures are simple wood boxes. Bose 901 speakers have advanced, 14-element, injection-molded Acoustic Matrix™ enclosures which isolate the high-performance drivers and help produce bass notes with unsurpassed clarity and definition.

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Entries must be received by **February 9, 1981.**

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IT's



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2-in-1***

A Word Search/ Crossword Puzzle

by Merl Reagle

When you complete this crossword, the letters in the squares will form a grid for a word search puzzle. The three long answers in gray will reveal the category and number of hidden words. First finish the crossword; then find and circle the hidden words, which run forward, backward, up, down, and diagonally in the crossword answer.

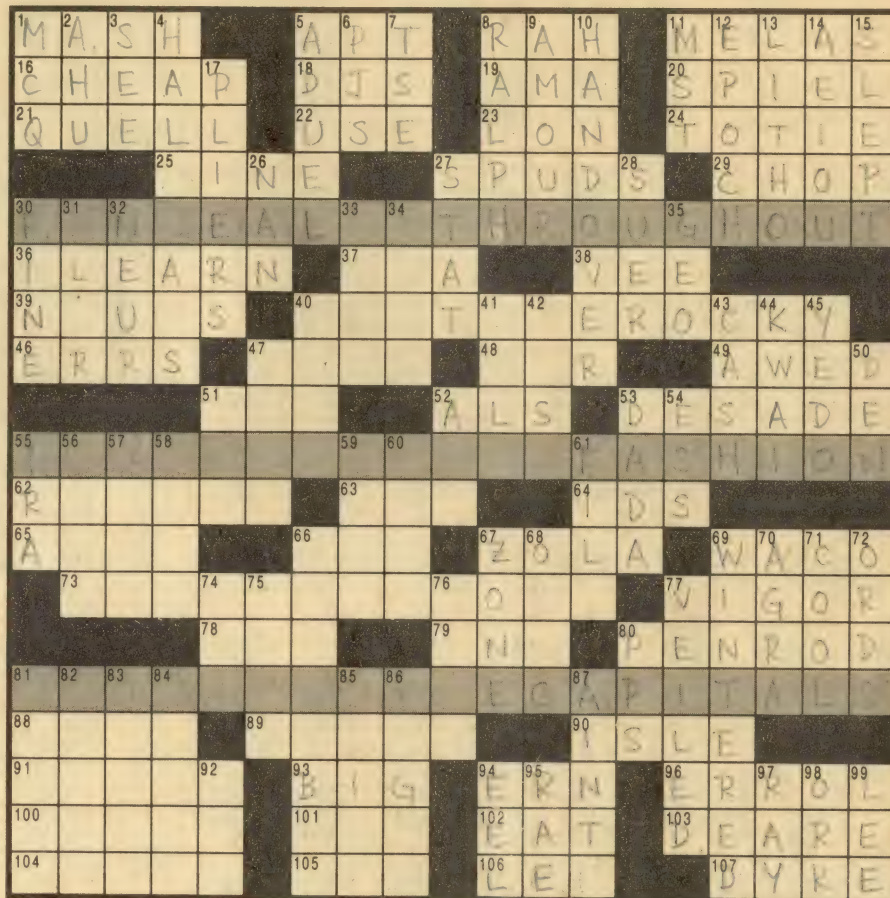
Answer Drawer, page 70

ACROSS

- 1 1970 Altman film
5 Inclined
8 Bowl yell
11 Indian festivals
16 Like bargain chickens?
18 FM employees
19 "I ____ Rock": Paul Simon song
20 Salesman's pitch
21 Put down a riot
22 Include
23 Changeable Chaney
24 Comedienne Fields
25 Occupation, to John Daly
27 Taters
29 Type of stick or suey
30 Puzzle key: Part I
36 "The more ____ the less I know"
37 Mauna ____
38 Sweater-neck letter
39 Racehorse tipsters
40 Feel ____ (be unsteady)
46 Blunders
47 Spanish explorer Fernandez
48 River to the Rhine
49 Overwhelmed
51 Adult acorn
52 Pacino and Jolson
53 The Marquis ____
55 Puzzle key: Part II
62 Employ again
- 63 Do badly, in box-office slang
64 Freudian components
65 Nerve cell part
66 Zilch
67 Nana author Emile
69 Texas city
73 Fire randomly
77 Strength
78 Chocolate cauldron
79 Blackbird
80 Booth
81 Tarkington character
81 Puzzle key: Part III
88 Departs with Ullmann?
89 Ball duds
90 Atoll
91 Like a gymnast
93 Like Chandler's "Sleep"
94 Beach bird
96 Olivia's co-star in *Dodge City*
100 Drive a car
101 Master
102 Appetite's motto
103 *The Wreck of the Mary* ____
104 Young sassers
105 Dolores ____ Rio
106 Wahine's memento
107 Dick Van ____

DOWN

- 1 John Wayne film of 1974
2 Persian gazelle
3 Consult
4 Devil's pets?
5 Fight ____ (engage in swordplay)



- 6 Nightwear, for short
7 Mao ____-Tung
8 Honeymooner Kramden
9 Love affair
10 Deliver
11 Rockies' time zone: Abbr.
12 Era
13 Photog's metal-plate print
14 Vowel quintet
15 Snoozed
17 Extractor's tool
26 Ms. Fabray, familiarly
27 RBI or ERA
28 Plaintiff
30 Give a ticket
31 Swan genus
32 Nerve: Prefix
- 33 Fitzgerald or Raines
34 Murder: Slang
35 Kin of Chas. or Wm.
40 Diving birds
41 Powder
42 Ship whip
43 Tens and twenties
44 River name in 1957's Oscar movie
45 Tokyo, to a Shogun
47 Green gem
50 Iniquitous lair
51 Famed hockey jockey
52 Sont, in English
53 Newborn's pop
- 54 Tee's preceder
55 Levin or Gershwin
56 Barber's word
57 Rider's word
58 Porker's word
59 Scan for typos
60 Has a bug, in a way
61 Son, at the Sorbonne
66 Fair to middlin'
67 Part of DMZ
68 Of the ear
69 Spent the cold months
70 Taj Mahal locale
71 Unperturbed
72 City laws: Abbr.
74 "Madam, I'm Adam" addressee
75 Hungry feeling
- 76 Bowlers and bonnets
77 Hidden
80 P.S. sequel
81 Gentle as ____
82 Strenuousness
83 Mrs. Peron, on Broadway
84 Letter-shaped aperture
85 Again
86 Lovely person
87 "____ a stinker?": Bugs Bunny
92 Hesitant sounds
94 Zapper of the deep
95 Norma ____
97 Bob's partner in comedy
98 Mork's planet
99 Marvin or Meriwether

Baconian Ciphers ★★

by Norma Gleason

The Baconian cipher is named after Sir Francis Bacon (1561–1626), the English philosopher and statesman who invented it.

BACON'S BILITERAL CIPHER

A	aaaaa	IJ	abaaa	R	baaaa
B	aaaab	K	abaab	S	baaab
C	aaaba	L	ababa	T	baaba
D	aaabb	M	ababb	UV	baabb
E	aabaa	N	abbaa	W	babaa
F	aabab	O	abbab	X	babab
G	aabba	P	abbba	Y	babba
H	aabbb	Q	abbbb	Z	babbb

In its original form, the cipher was designed not for the letters a and b but for standard letterpress printing in which two (very slightly) different typefaces could be intermixed. These faces would be designated "typeface-a" and "typeface-b," and a message would be concealed by alternately employing the two typefaces in the sequences shown above, five characters per enciphered letter. A "covering" text having nothing to do with the cipher text would be used to serve as the vehicle and smokescreen for the real message. Naturally, the covering text would be five times as long as the cipher message. Example:

Concealed in this line is a secret message.

To solve: Divide the letters into groups of five:

Concealed in this line is a secret message

Reassign all Roman letters to typeface-a and all italic letters to typeface-b:

ababa abbab abbab abaab abbab baabb baaba

Then consult the chart for equivalents:

L O O K O U T

Baconian ciphers can contain any two dissimilar components. For example, you might send secret messages in dots and dashes—using dots for a's and dashes for b's (or vice versa). Or use numbers—0 to 4 for a's, 5 to 9 for b's.

Now that you know everything you need to know about Baconian ciphers, try the six puzzles that follow. It won't always be obvious what the a and b components are—that's for you to find out. Hints appear at the bottom of the page. You may want to cover them before you begin. *Answer Drawer, page 66*

1. Classroom Communiqué (Encoded directly, for practice)

BAAAB AABBB AAAAA BAAAA ABAAB BAAAB
 AAABA ABABA BAABB AAAAB ABABB AABAA
 AABAA BAABA BAAAB AAAAA BAABA BAAAB
 ABAAA BABAB

2. Secret and Urgent

WE WILL DrIVE UP To sEE yOu NEXT WeeK on FriDay and
 CAN STAY thE WEeKEnD. LOVE, JANE.

Hints

Cipher 2: Divide the letters into groups of five. Capital letters represent a's.

Cipher 3: Separate even and odd digits.

Cipher 4: Separate the letters according to which half of the alphabet they appear in.



Lord Bacon in his library: "Books will speak plain when counselors blanch."

3. Agent's Instructions

17753 63914 38114 91436 54238 63373 72148
 83155 57156 13995 47951 34617 51439 23756
 72515 36691 81379 92876 18416 32382 61547
 61433 52276 31938

4. Message Discovered on a Spy

QALPE SILBB ANWET EPXET EPXYF DZOWC
 MEGAL BLAXY PEANX GGBAH KUWBI FGHOL
 GAZCC MHHEK QAITI ELBZW JEEIM SFVAE
 EXXEL

5. Danger!

Dear Misha: We believe now that your secret work has not yet been found out. Remain at your office until you hear further word. We do not know what day Petrov will be coming up from Kiev; expect him any time. Mikhail reports all is calm in the eastern bloc. More news before long.—Garth

6. Radio Message from an Offshore Smuggler

2 3 2 1 2 1 5 2 1 1 1 4 2 2 1 6 1 10 3 1 2 3 1 1 1 2 1 2
 5 3 2 1 6 1 2 1 2 2 2 2 1 3 1

Cipher 5: This Baconian has nothing to do with the letters in the words. Consider the words themselves.

Cipher 6: This one must be approached differently from the others. A preliminary step is necessary before actual decoding can begin. If you can crack it, you are to be congratulated.

Cryptic Crossword ★★★

by Will Shortz

Simplicity and deception are the twin charms of the cryptic crossword. While the clues may not look simple at first, they do follow one simple rule: Each consists of a direct or indirect definition of the answer and a second description of the answer through wordplay. Finding the two parts to a clue is the key to solving it. Being misled along the way is part of the fun.

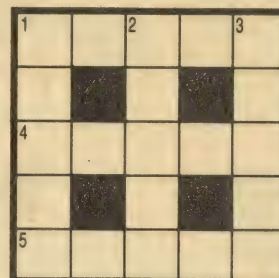
For example, the clue for 1-Across in the Warm-Up Puzzle seems to be a command from a police officer in the park. The surface meaning only misleads, however. Break the clue between the second and third words. The answer, AISLE (defined as "where to walk") sounds like the word I'LL, which the clue tells you to "say."

This type of clue is known as a homophone. Any word or phrase that suggests sound or hearing, such as "it's said," "so we're told," "to the audience," or simply "say," may indicate a homophone. The answer is defined as well, either before or after the homophone. But beware—the homophone word may be defined rather than given directly as in the example above. If you are new to cryptic crosswords, look for homophones in these clues in the puzzle below: ACROSS—6, 11, 26; DOWN—2, 5, and 15.

Other common types of clues are charades (e.g., HE + ART = HEART), anagrams (STONE/ONSET), reversals (WOLF/FLOW), second definitions (two meanings of BARK), and concealed words (CAST IRON). These have been or will be discussed in detail in other issues, and an example of each variety appears in the Warm-Up Puzzle at right.

Warmup Puzzle for New Solvers ★★

With detailed explanations in
Answer Drawer, page 68



ACROSS

- 1 I'll say where to walk (5)
homophone
- 4 Salutation to a holy man (5)
charade
- 5 Unusually early to pass on (5) *anagram*

DOWN

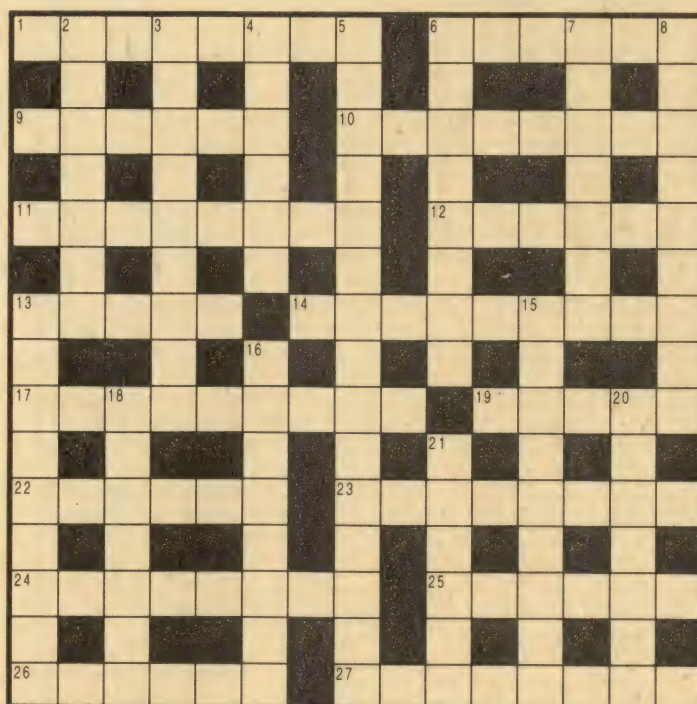
- 1 Stage performer gives ROTC a lift (5) *reversal*
- 2 Drag one's feet to the booth (5) *second definition*
- 3 Observe women trying to get admittance (5) *concealed word*

ACROSS

- 1 Birds fight fights (8)
- 6 Hear brakes ... then crashes (6)
- 9 Required Fahrenheit or Centigrade education (6)
- 10 Dislike a rendition (8)
- 11 Fruit repeatedly said to have vitamin B₁ deficiency (8)
- 12 Pledge 20% of Democratic ballot (6)
- 13 Combination of snicker and jeer! (5)
- 14 Regardless, how a printer might set type with no instructions? (2,3,4)
- 17 Where a checker never jumps in the middle of Moscow? (3,6)
- 19 Foe has men in the old switcheroo (5)
- 22 Ordered direct acknowledgment (6)
- 23 Sure, fate is fickle in the movies (8)
- 24 Broomer's crush hat (8)
- 25 Soft drink for an elf? (6)
- 26 Reportedly travels to sell bicycles (6)
- 27 Ready exit for acrobatic parrot that's about to perform (4,4)

DOWN

- 2 For a 13- to 19-year-old, say, it helps build bodies (7)
- 3 Concerning poor service of radio equipment (9)
- 4 Partly woodless lots (6)
- 5 One side of the writing paper reportedly shows a weather line (10, 5)
- 6 Head of bank making loan to the conglomerate (8)
- 7 State song has no end, in retrospect (7)
- 8 It's wrong to crunch celery openly (9)
- 13 Decorates Christmas trees on the top (7,2)
- 15 A New Hampshire city, given vocal performance, is overwhelmed (9)
- 16 Save a lock of hair for support (8)
- 18 Imagined fear grips me (7)
- 20 Most are waving to the music teacher (7)
- 21 Juan lost his head and capsized on the ocean, getting an upset stomach (6)



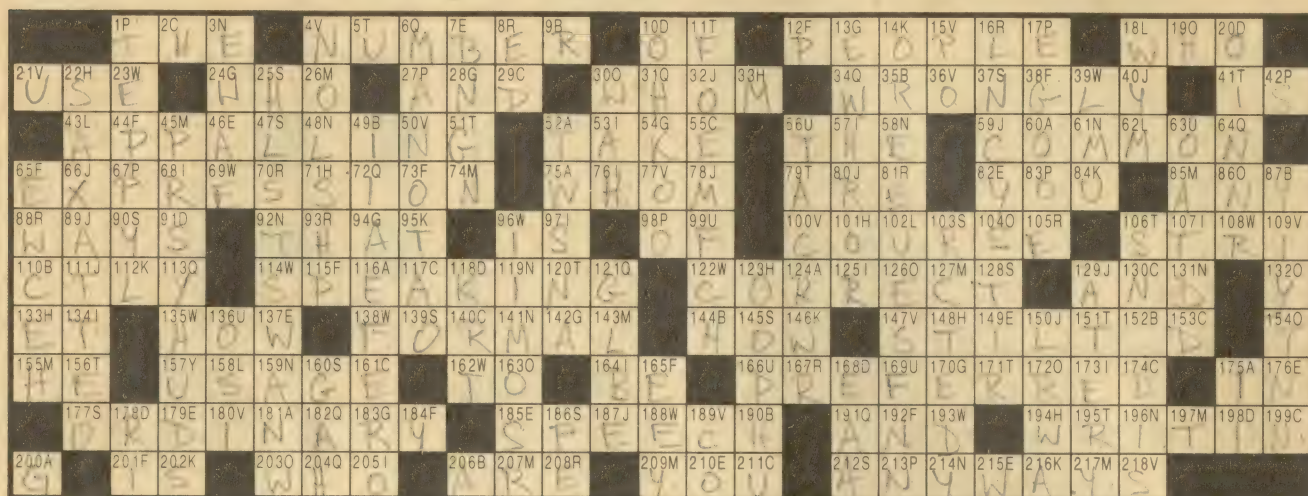
Answer Drawer, page 68

Double Cross ★★

by Michael Ashley

Answer the clues for words to be entered on the numbered dashes. Then transfer the letters on the dashes to the correspondingly numbered squares in the puzzle grid to spell a quotation reading from left to right. Black squares separate words

in the quotation. Work back and forth between grid and word list to complete the puzzle. When you are done, the initial letters of the words in the word list will spell the name of the author and the source of the quotation. *Answer Drawer, page 69*



- | | | | | | | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|--|--|--|
| A. Irwin Allen's <i>The _____ Inferno</i> | 52 | 60 | 75 | 116 | 124 | 175 | 181 | 200 | | | | | | | | | | | | |
| B. Rank | 190 | 49 | 152 | 9 | 206 | 35 | 110 | 144 | 87 | | | | | | | | | | | |
| C. Sly; deceitful | 211 | 199 | 174 | 161 | 140 | 2 | 117 | 130 | 153 | 55 | 29 | | | | | | | | | |
| D. First-year ballplayers: | 178 | 20 | 10 | 118 | 198 | 168 | 91 | | | | | | | | | | | | | |
| E. Alcove outlooks (2 wds.) | 7 | 46 | 82 | 137 | 149 | 176 | 179 | 210 | 215 | 185 | | | | | | | | | | |
| F. Astonishing (Hyph.) | 65 | 184 | 165 | 12 | 73 | 44 | 115 | 201 | 192 | 38 | | | | | | | | | | |
| G. Rouse again | 183 | 170 | 142 | 24 | 94 | 54 | 13 | 28 | | | | | | | | | | | | |
| H. Couples | 148 | 194 | 123 | 22 | 101 | 33 | 133 | 71 | | | | | | | | | | | | |
| I. Sweethearts (Sl.) | 76 | 173 | 53 | 125 | 134 | 107 | 57 | 68 | 205 | 164 | 97 | | | | | | | | | |
| J. Vociferous; clamorous | 187 | 66 | 59 | 150 | 89 | 78 | 129 | 111 | 32 | 80 | 40 | | | | | | | | | |
| K. Desperadoes | 14 | 84 | 95 | 112 | 216 | 146 | 202 | | | | | | | | | | | | | |
| L. Heavy cardigan jacket | 18 | 43 | 62 | 102 | 158 | | | | | | | | | | | | | | | |
| M. Werewolfism | 143 | 209 | 127 | 85 | 74 | 197 | 155 | 207 | 26 | 45 | 217 | | | | | | | | | |
| N. At once | 119 | 61 | 141 | 3 | 131 | 196 | 159 | 92 | 58 | 48 | 214 | | | | | | | | | |
| O. Fit for print; timely | 86 | 126 | 203 | 104 | 30 | 163 | 172 | 154 | 19 | 132 | | | | | | | | | | |
| P. Cooking measure | 1 | 17 | 27 | 42 | 67 | 83 | 98 | 213 | | | | | | | | | | | | |
| Q. Old-time robber of the roads | 204 | 72 | 121 | 31 | 34 | 191 | 113 | 6 | 182 | 64 | | | | | | | | | | |
| R. In another place | 8 | 16 | 70 | 81 | 88 | 93 | 105 | 167 | 208 | | | | | | | | | | | |
| S. Margaret Mead's field | 212 | 37 | 128 | 25 | 103 | 139 | 186 | 127 | 47 | 145 | 160 | 90 | | | | | | | | |
| T. Alter | 151 | 171 | 79 | 120 | 106 | 11 | 41 | 51 | 5 | 195 | 156 | | | | | | | | | |
| U. Add a finishing touch (2 wds.) | 56 | 63 | 166 | 136 | 169 | 99 | | | | | | | | | | | | | | |
| V. Not noticeable or prominent | 109 | 14 | 100 | 77 | 50 | 147 | 15 | 180 | 189 | 21 | 36 | 157 | 218 | | | | | | | |
| W. Overcoat with a narrow velvet collar | 122 | 135 | 23 | 114 | 162 | 188 | 108 | 138 | 96 | 69 | 39 | 193 | | | | | | | | |

Tom Swifties 2 ★★

by Raymond D. Love (Mark, Ante)

A Tom Swifty, you may remember (Pencilwise, September/October 1979), is a line of dialogue that ends in a whimsically appropriate adverb. For example, "Let's not cut the Valentine," Tom agreed *wholeheartedly*. Awful, isn't it? See if you can complete the 17 Tom Swifties below with the appropriate adverbs. We've provided the first letters as hints.

Answer Drawer, page 68

1. "This hot dog tastes terrible,"
Tom said Frankly.
2. "I was fleeced,"
Tom confessed Sheepishly.
3. "We've lost the book of fairy tales,"
Tom announced Grimly.
4. "Mr. Spock's ears look silly,"
Tom said Pointedly.
5. "Undershorts ready,"
Tom reported Briefly.
6. "I love being under the big top,"
Tom professed I.
7. "I said, 'Pass the parmesan cheese,'"
Tom declared G.
8. "Who cares that this bouquet is missing a flower?"
Tom mused L.
9. "Doctor, I'll wait as long as you like,"
Tom said Patiently.
10. "Maybe it's irrelevant, but my Amtrak ticket's expired,"
Tom said Expressly.
11. "Baby goats have blue fur,"
Tom said Kiddingly.
12. "Heads I win, tails you lose,"
Tom said Flippantly.
13. "This Model A never starts,"
Tom stated C.
14. "This large piano cost me \$1,000,"
Tom proclaimed Gravely.
15. "Not another pineapple,"
Tom muttered Dolefully.
16. "Look at the skin of this five-foot-long bass,"
Tom said Scalesily.
17. "Whew. Solving these Swifties took me seven days,"
Tom whimpered W.

FOLD THIS PAGE

The crossword on this and the next two pages has two independent sets of clues: "Hard" and "Easier." First, fold this page back on the dashed line so the clues below face the solving grid on page 47. If you use only the Hard Clues (appearing below, and continuing under the grid), you'll find the puzzle uncommonly challenging. If you need help, or prefer a less severe challenge, open to the Easier Clues (tucked in beneath your fold on page 46). Remember, to peek or not to peek is up to you.

The World's Most Ornery Crossword

Optical Allusions

by Mike Shenk

Hard Clues ★★★

- | | | |
|-----------------------------------|--|---|
| ACROSS | 66 Men of La Mancha | 132 Herbs of grace |
| 1 Did USDA work | 67 Thirsty, once | 133 Latin spades |
| 7 Hindrance to navigation | 68 Wins at mah-jongg | 134 "A London, particular" to Dickens |
| 11 Operas by Gounod and Spohr | 70 Von _____ | 135 Ms.'s emending mss. at Ms.? |
| 17 _____ Summit, Mo. | 71 Hose material | 136 Cry from the house |
| 21 Optical light meter | 73 Dundee denial | 138 All seriousness aside |
| 22 Craters of the Moon locale | 74 Stripling | 140 Corroded |
| 24 "Far out!" | 75 Celebrated | 144 Newsbriefs' kin |
| 25 Like some of the rich | 77 Crossword fliers | 145 Dehiscence |
| 26 Pithecanthropi | 79 Gothic novel quality | 146 Ambitions |
| 27 Vengeful credo | 81 Camera accessory | 148 Goalie's feat |
| 29 Calcium-rich fertilizer | 84 Transfers | 149 Mine gas |
| 30 Princess perturber | 86 Gets the point | 152 Acted as an ancillary |
| 31 Ancient Norse poets | 87 Villain's look | 153 Pontius Pilate, for one |
| 33 Donne's "Death _____ Proud" | 88 Aberdeen agreement | 155 Trim the blades |
| 34 Kind of shoes | 90 Kind of purpose or exhaust | 156 Author Walker, et al. |
| 36 Type of marks for soldiers | 91 Fine, to Francesca | 157 Shepherds, often |
| 38 Wings | 94 There are 22 in a chain | 160 King Kong and Dracula, e.g. |
| 39 Emptor | 97 Tent caterpillar | 162 Jam |
| 40 Like Mr. Magoo | 99 Hammer and Spade | 163 Corrigenda |
| 41 Allegheny county output | 103 Ocular | 164 Aquiline abode |
| 43 Voyeurs' viewfinders | 106 Schnozz | 165 Mexican agaves |
| 45 Viewed lewdly | 108 Used Carter's '76 election tactic? | 166 Crystal-gazer's phrase |
| 46 Recoil | 109 Road curve | 167 Exhibits impudence |
| 49 Get one's goat | 110 Scorpio's mo. | 168 Like peacock plumes |
| 51 Cheerleaders' work | 111 Liquidates | 169 Like Washington (the man, not the city) |
| 52 Mishap that never befell Tommy | 113 _____ Beach | |
| 53 Comic strip Indian | 115 Times | |
| 55 Adjective for Taft | 116 Greek peak | |
| 57 Sivaism and Shaktism | 117 Ann Landers | |
| 58 Fire | 119 Door opener, of sorts | |
| 60 Them author | 122 Interred | |
| 61 Most concise | 124 Relative of jejunal | |
| 63 Monitor | 126 Played stage-door Johnny | |
| | 127 Rio _____ | |
| | 129 Abides by | |
| | 130 Do electrician's work | |

DOWN

- 1 Board meeting props
- 2 *Déjà vu*, maybe?
- 3 Sergeant's command
- 4 Lackluster
- 5 Chemical endings
- 6 Kind of marathon

The World's Most Ornerly Crossword (Continued)

Don't Peek Until You Read Page 45!



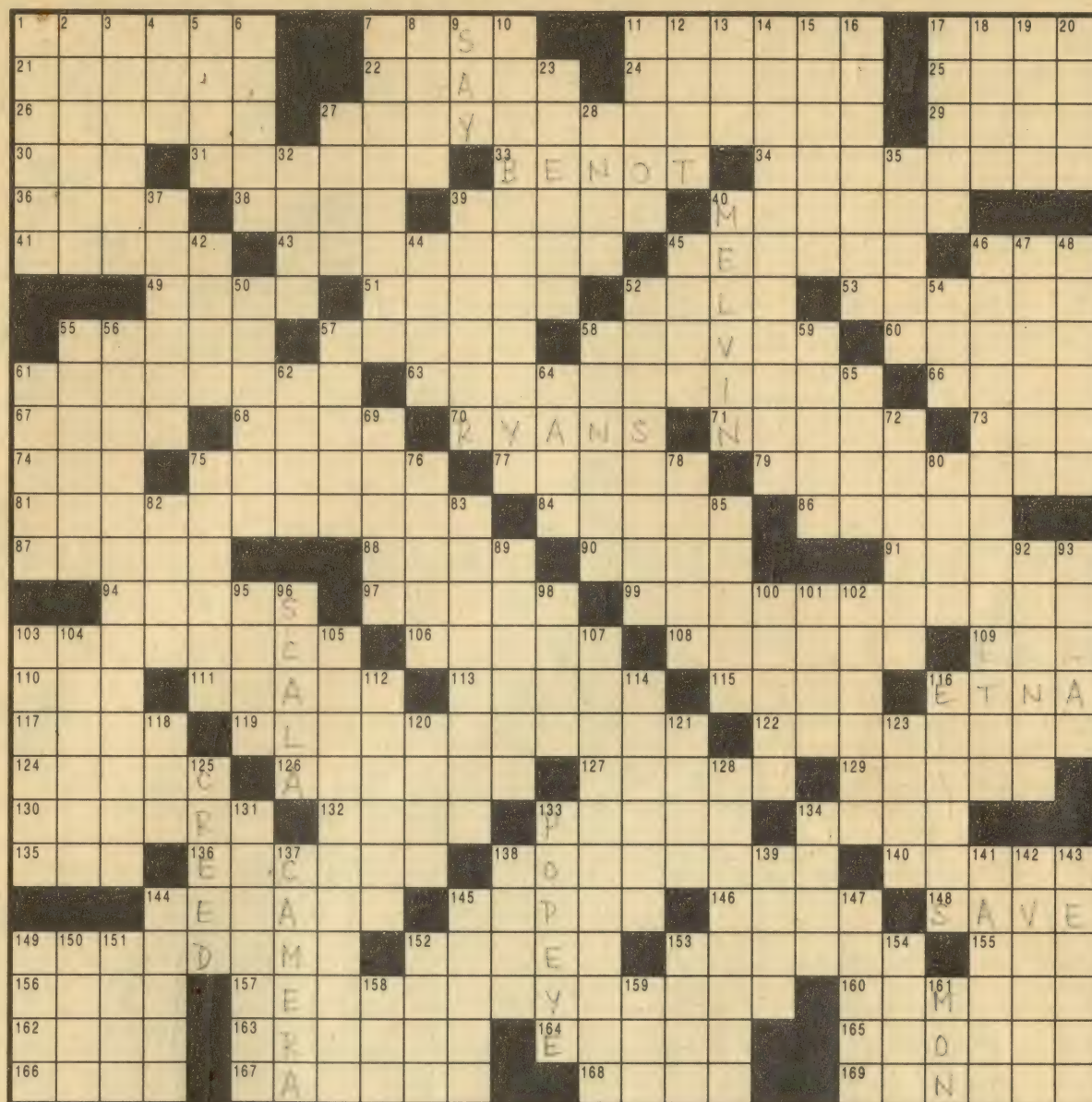
Easier Clues ★

ACROSS

- | | | | | | |
|---|---|--|-------------------------------------|---|---|
| 1 Marked test papers | 67 "Not ____ eye in the house": 2 wds. | 130 Send another telegraph message | 5 Hydrocarbons: Suffix (SEEN anag.) | 52 Became rigid: 2 wds. | 104 Wailed |
| 7 Hazy drizzle | 68 Goes a-courting | 132 Regrets | 6 Imitate Astaire | 54 Mom and ____ | 105 Small medicine dispensers |
| 11 Goethe's doctor, and others | 70 ____ Hope (TV soap) | 133 Old: Prefix (A LEAP anag.) | 7 Envisioning faculty: 2 wds. | 55 Appoint to the ministry | 107 With ____ (unaided by lenses): 3 wds. |
| 17 Marvin and Majors | 71 Stocking fabric | 134 In ____ (bewildered): 2 wds. | 8 March 15, to Caesar | 56 Scenes seen from above: 2 wds. | 112 Cleans with steel wool |
| 21 Eye membrane | 73 Scottish "no" | 135 McMahon and Sullivan | 9 Declare | 57 Barside seat | 114 Facial blinker |
| 22 Potato state | 74 Lass's brother | 136 "More! More!" | 10 Target center: 2 wds. | 58 Used a hand-held cooler | 116 Final Greek letters |
| 24 Not genuine | 75 Renowned | 138 In a jesting manner | 11 Excited uproar | 59 Actor's parts | 118 Hindu caste (IAN anag.) |
| 25 Not working | 77 Sea eagles | 140 Eroded, with "away" | 12 Body structure: Abbr. | 61 ____-foot jelly | 120 Squirrel's home |
| 26 Near-human creatures | 79 Strangeness | 144 News summaries | 13 Large coffee dispenser | 62 ____ Like It Hot | 121 The French Connection' cop |
| 27 "____ and a tooth for a tooth": 5 wds. | 81 Wide-angle camera attachment: 2 wds. | 145 Stared open-mouthed | 14 Agree 100%: 4 wds. | 64 French recreation area (CARP anag.) | Eddie |
| 29 Green citrus fruit | 84 Yields, as property | 146 Goals | 15 Burton's ex | 65 Asta's mistress | 123 Reed instrument |
| 30 Black-eyed vegetable | 86 Kemo ____ (Tonto's friends) | 148 Rescue | 16 Dozing one | 69 Velvety leather | 125 Rocky's opponent Apollo |
| 31 Burns | 87 Contemptuous smile | 149 Combustible gas (PRIME FAD anag.) | 17 Fragrant flower | 72 Sharpened a pen point | 128 Measured again |
| 33 "Seek the Lord ... though he ____ far": 2 wds. | 88 Scottish "deal" (LAID anag.) | 152 Lent a hand | 18 Work on a manuscript | 75 ____ wheel (carnival attraction) | 131 Seals in a box |
| 34 Alternative to stairs | 90 Twofold | 153 Ancient Palestinian | 19 Early Tarzan player Lincoln | 76 Stocking mishaps | 133 Olive Oyl's hero |
| 36 Corned beef dish | 91 ____ Vista, Virginia | 155 Cut the lawn | 20 Crystal gazer | 78 Roebuck's partner | 134 Author Marcel (who gets partial PAYMENT?) |
| 38 "Kay" followers | 94 Fabric measurements | 156 Gershwin and Levin | 23 Pair ____ (peepers): 2 wds. | 80 New, to a Dutchman | 137 Photographer's equipment |
| 39 Purchaser | 97 Goading one | 157 Guides for the blind: 3 wds. | 27 Partner in war | 82 Pile | 138 Green gemstone |
| 40 Near-sighted | 99 Detectives: 2 wds. | 160 Film again | 28 Singles | 83 Sirs: It. (ROSE SING anag.) | 139 Pot covers |
| 41 Stainless ____ | 103 Telescope part | 162 Jazzy jargon | 32 On the sheltered side | 85 Goody mud | 141 Mexican meat pie |
| 43 Mask openings | 106 Nose: Sl. | 163 Printer's mistakes | 35 Audio's counterpart | 89 Soviet president Brezhnev | 142 Elicits |
| 45 Looked slyly | 108 Beamed happily | 164 Eagle's nest | 37 Religious dissent | 92 Crime fighter Elliot, et al. | 143 Most recent |
| 46 Bashful | 109 Between ar and tee | 165 Soap plants (SALOME anag.) | 39 Runaway, in a way | 93 Syrian President Hafez al-____ (is he AS UNHAPPY?) | 144 View anew |
| 49 Make angry | 110 Autumn month: Abbr. | 166 "I call them as ____ them": 2 wds. | 40 Actor ____ Douglas | 95 Strike from print | 145 Giant: Gr. (IS GAG anag.) |
| 51 Shouts | 111 Kills, as a dragon | 167 Talks back to | 42 Speech problem | 96 Stairway: It. (part of an ESCALATOR?) | 147 British actress Miles |
| 52 Incline | 113 ____ Waterfront: 2 wds. | 168 Ogled | 44 "What the ____ do we care" | 98 College military training: Abbr. | 149 Pacific island group |
| 53 Cheap whiskey | 115 Time periods | 169 Adjective for Abe | 45 Italian money | 100 Preacher bird (I ROVE anag.) | 150 Ornamental flower |
| 55 Plump | 116 Bones (found in a GLOSSARY?) | | 46 Respect highly: 4 wds. | 101 Alda or Arkin | 151 Talk deliriously |
| 57 Religious factions | 117 Minnesota player | | 47 "Laughing": animals | 102 Stand the ____ time: 2 wds. | 152 Poker stake |
| 58 Zeal | 119 Garage door opener: 2 wds. | | 48 Affirmative answers | 103 Complete | 153 ____ de vivre |
| 60 Actor Warren | 122 Buried | | 50 Plenty of room: Sl. | | 154 Verne's Captain |
| 61 Freshest, as celery | 124 Intestinal (ALICE anag.) | | | | 158 Institute for Advanced Studies: Abbr. |
| 63 Watch carefully: 4 wds. | 126 Doted on | | | | 159 Towel off |
| 66 Comedians Adams and Knotts | 127 Caucasian's counterpart | | | | 161 Day after Sunday: Abbr. |
| | 129 Complies | | | | |

DOWN

- 1 Charts
2 Say again
3 Relaxed: 2 wds.
4 Poorly lit



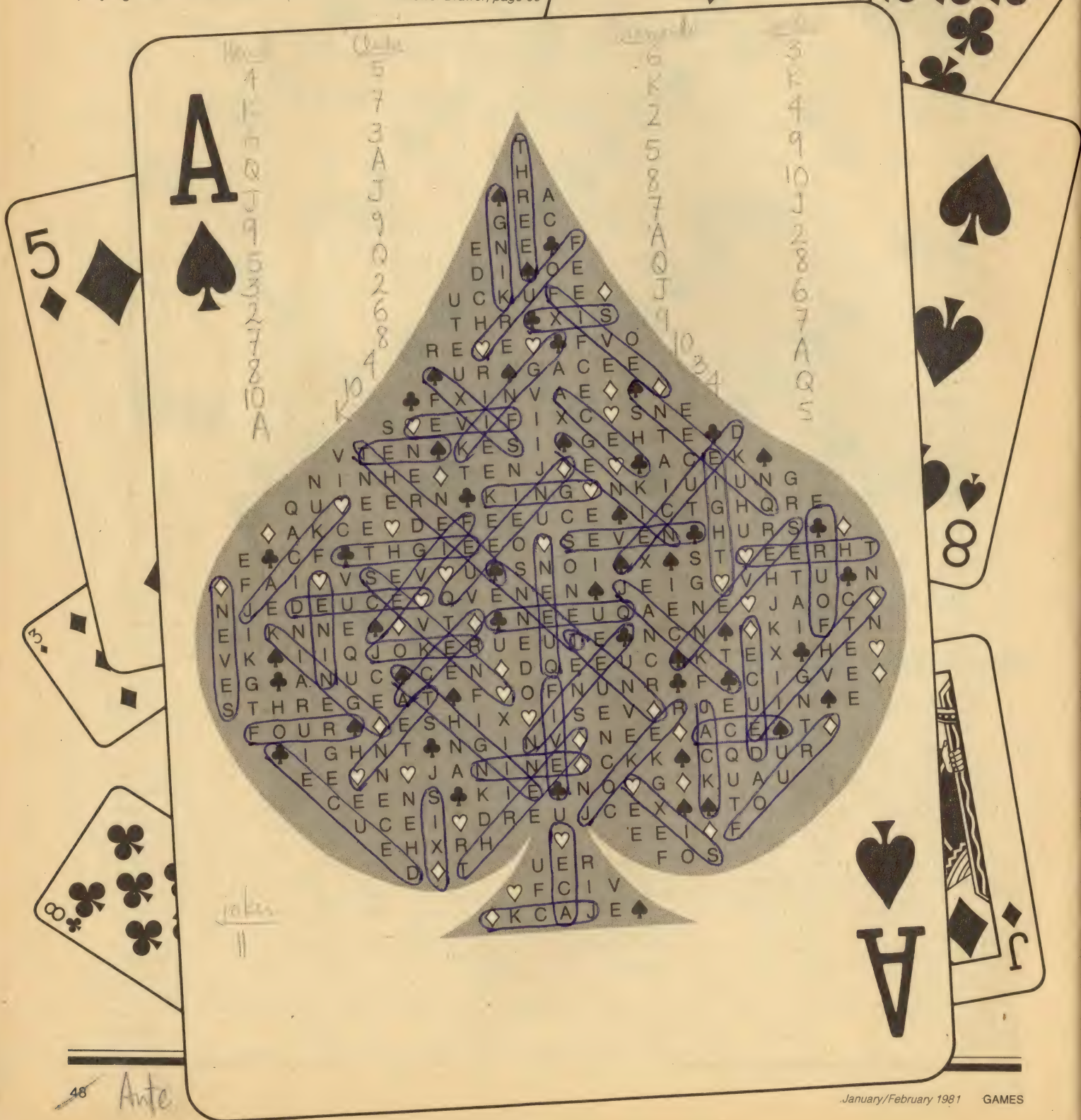
Answer Drawer, page 69

Hard Clues (cont'd)

- | | | | | | |
|--|--------------------------------------|-----------------------------------|--|--------------------------------------|----------------------------------|
| 7 Imagination | 35 Type of tape | 54 June honoree | 83 Neapolitan noblemen | 107 Amateur astronomer's viewer | 139 Milliner's merchandise |
| 8 Mid-month event | 37 Leo's charge against Luther | 55 Predestine | 85 Schlich and sleech | 112 Hunts everywhere | 141 Sonora snack |
| 9 "___ when" | 39 Frightened filly, perhaps | 56 Panoramas | 89 Nikita's successor | 114 Lens cover? | 142 Summons the spirits |
| 10 Archer's goal | 40 Douglas, of <i>Being There</i> | 57 Milkmaid's aid | 92 Headlands, old style | 116 Ohmic symbols | 143 Hawaii, of the states |
| 11 Tempestuousness | 42 Sylvester P. Pussycat's trademark | 58 Struck out | 93 Damascus name | 118 Bombay barber | 144 Sit through a second show |
| 12 Med. sch. subj. | 44 Kin of "shucks" | 59 "Hamlet" and "Horatio," e.g. | 95 Strike out | 120 Olive or hazel | 145 Thick-stemmed |
| 13 Ode subject | 45 Italian bread | 61 ___ tongue molding | 96 La ___ (Milan opera house) | 121 Humorist Pierce | 147 Isaac's mother |
| 14 Be in congruence | 46 Hold in highest reverence | 62 Several | 98 Campus recruiting grp. | 123 Heckelphone | 149 Suva's land |
| 15 "Old Rough and Ready" | 47 Cowardly carnivores | 64 Place for a <i>pique-nique</i> | 100 Greenlet | 125 "Apostles' ___" | 150 Eye colorer |
| 16 Box office surprise | 48 Sycophant's replies | 65 Writer Ephron | 101 King of comedy | 128 Made a second sounding | 151 Enthusiastic notice |
| 17 Blueblossom | 50 Extra space | 69 Shoe material | 102 "Ridicule is the best ___ truth": Chesterfield | 131 Houses | 152 Pot builder |
| 18 Rewrite | 52 Suffered stage fright | 72 Fixed a pen | 103 Choate | 133 Robin Williams role | 153 Dijon delight |
| 19 Son of Elsie the Cow | | 75 Wheel inventor | 104 Ululated | 134 "___! I fondly dream": Milton | 154 Aronnax's captor |
| 20 Cassandra | | 76 Mississippi menaces | 105 Dose deliverers, of sorts | 137 Rather's <i>The Never Blinks</i> | 158 Airspeed abbr. |
| 23 "Four beasts full ___": Revelations | | 78 Desiccates | | 138 Wear out | 159 Carry Nation, e.g. |
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(Awdc)

Answer Drawer, page 66



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IPSWICH SWITCH

A Visual Logic Mystery based on a puzzle by Dodi Schultz

★★

The house detective at the staid Ipswich Arms Hotel may not be the world's best photographer (nor its best detective), but he has come up with some intriguing evidence that things are not as they should be. Having been hired separately by both Mr. Fawnley and Mrs. Fawnley to find out whom the other was



Mr. Edgemont getting off the elevator. He lives on the 8th fl.



There goes Mr. Chattlesworth in his chicken suit again.



The Daunts in their apartment.

seeing, the detective spent a full day sneaking around the hotel and photographing the goings on. While his nosiness uncovered a tangled web of five couples (husbands met wives, but none met his own), the detective failed to get a single snapshot of either of the Fawnleys. However, had he

taken a closer look at his evidence, the detective would have been able to determine whom each of the 10 people met that afternoon, and on which floors the five trysts took place. Can you clarify matters for him?

Answer Drawer, page 69



Mr. Bagby three floors above
his own apartment.



Polaroids by Joyce Ravid. Photo by Stan Fellerman.

Mrs. Bagby two floors above
the Daunt's apartment.



Ten minutes after Mr. Daunt
left home.

Each of the five women held her
rendevous in her own apartment.

One couple lives on 12, the
highest floor in the hotel.

Another couple lives on 2, the
lowest floor in the hotel.

None of the five couples lives
on the 5th floor.

GAMES & BOOKS

Edited by Phil Wiswell

Can't Stop from Parker, around \$9.

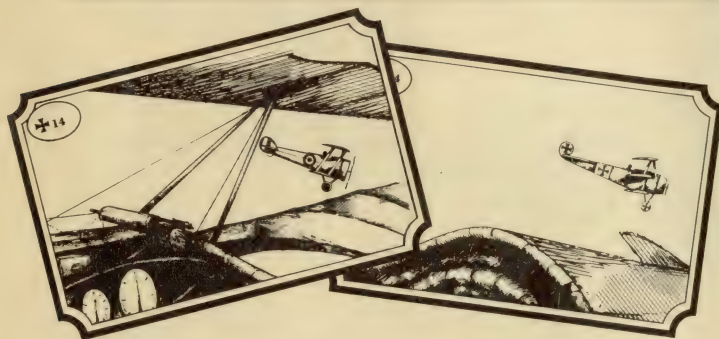
We picked Can't Stop as one of our 100 favorite games of 1980 and described it briefly in the last issue. Too briefly, though, for a family board game of its appeal.

Can't Stop is a race game played with dice. To win, all you need do is advance three pieces of your color to the tops of three number columns. These columns represent the 11 possible rolls of a pair of dice. On your turn, you roll four dice, group them into two pairs any way you like, and advance one space in each of the columns represented by the two numbers you generated with the dice. For example: if you roll 4, 4, 5, and 6, you can split the roll as 8 (4+4) and 11 (5+6) or as 9 (4+5) and 10 (4+6). In this case you could advance pieces in both the 8 and 11 columns or in both the 9 and 10 columns.

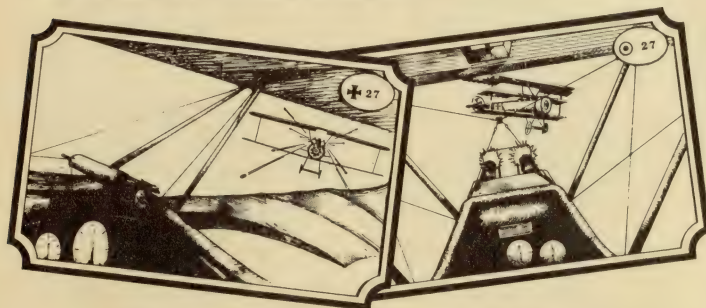
The special hook of this game is that you can keep rolling the dice and moving as many times as you wish in one turn, but only if you keep rolling numbers that enable you to make a move. If you roll numbers you can't use, your advancing pieces come off the board to start at the bottom of the columns on your next turn. This is known as "Blowing It." The hitch is knowing when you've pushed your luck to the limit. You'll be saying "I can't stop!" but had better learn to. —P.M.W.



Photos by Stan Felleman



Turn #1: The Allied pilot, whose view is shown at right, sights "Jerry" over his right shoulder. The German chooses a slow right bank; his opponent, a sharp 180° turn.



Turn #2: The Allied pilot's resulting view (right) shows the German in his gunsights. The German's view (left) is of his own demise.

Ace of Aces by Joseph Angiolillo, Manchester, CT; \$14.

If you've ever dreamed of being the Red Baron, Eddie Rickenbacker, or Snoopy, this World War I air combat simulation *really* lets you get your head into the clouds. It's a deceptively simple game, ingeniously contained within two small books—one for the Allied player and one for the German.

Each book has instructions and 223 pages of cockpit views showing the position of your opponent's plane relative to your own. At the bottom of each page, there is a choice of 25 maneuvers such as banks, dives, barrel rolls, and the dreaded "Immelmann Turn." All possible combinations of moves are carefully indexed, so that when players select and compare their maneuvers, they are directed to a new page showing where the planes wind up.

The object is to shoot down the enemy by bringing him within the gunsight—a difficult task since both players select maneuvers simultaneously and secretly. As the planes circle each other looking for an opening, the game becomes a fascinating exercise in second-guessing.

The work and design that went into Ace of Aces is awesome—more than 138,000 combinations of moves are built in, and even the structural limitations of the WWI fighters are accounted for in the maneuver schedules. Yet the game is remarkably easy to pick up. It's also deucedly hard to put down and endlessly challenging. A game usually takes about 15 minutes; there are no pieces to lose; and you can play it anywhere you can hold a book.

Ace of Aces comes with rules for advanced games, but the basic version is so good that we haven't stopped playing it long enough to read about the extras. —J.A.

Time-Out games from Mego, around \$40 each.

There are four electronic games in this new series from Mego: Toss-Up, Fireman Fireman, The Exterminator, and Flagman. Each is the size of a credit card and involves the player in a test of timing, perception, and endurance.

Toss-Up is electronic juggling. As with all the games, there are only two controls. You can move the juggler's hands right or left, attempting to keep two balls aloft and receiving a point for each catch. After 280 catches, the balls double, increasing the skill required to keep them going. The ultimate possible score is 9,999 catches, at which point we recommend you switch to juggling real balls.

Fireman Fireman is another juggling type game; the Exterminator is something like Space Invaders except moles burrow up through the ground; and Flagman is electronic repetition, a variation on Simon. All four games record the highest score in memory so a player can compete against his own best game. With no on/off switches, the games are constantly running. But not as games—each is also a clock that fits nicely into your pocket. Photo (right) shows actual size.

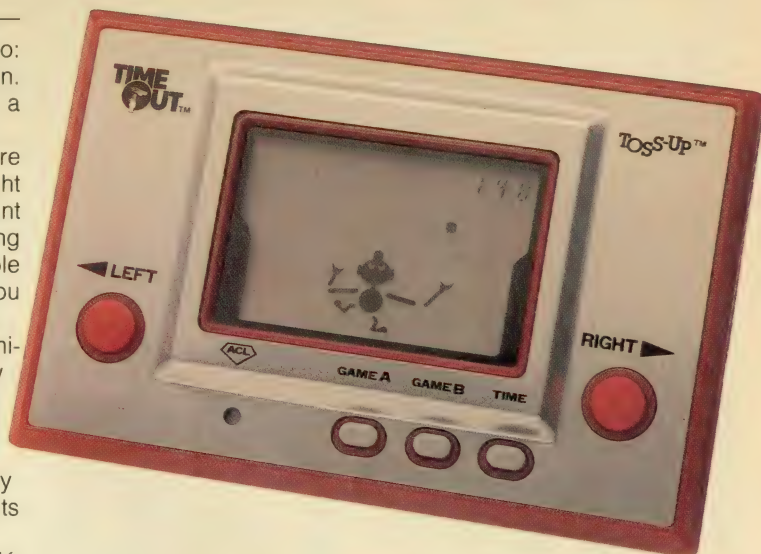
—B.D.K.

The Bantam Great Masters Winning Crossword Puzzles #1, 2, and 3 (Bantam, 1980, 64 pages each, large format, \$2.95 paperbacks).

Here, in three books, are 150 crossword puzzles—the winning entries to a competition held last year by Bantam Books. After trying a few of the puzzles, I found these books review-worthy, and, as Book Review Editor, began looking for a qualified reviewer.

My first thought was Will Shortz, our own Associate Editor and crossword expert. But Will edited the books. Well, I thought, I'll try Henry Hook, our resident puzzle consultant and constructor. But four of Henry's submissions to the competition won and are included in the books. I moved on to other *Games* constructors—Jordan Lasher, Mel Rosen, and Merl Reagle—sure that one of them would be available. Alas, thumbing through the books I noticed that each of them also contributed winning entries. Well, maybe Maura Jacobson, Jack Luzzatto, or Mel Taub, all contributors to *Games*, could do it. Nope! They judged the competition. Need we say more?

—P.M.W.



Board and Table Games from Many Civilizations by R.C. Bell (Dover, 1979, two volumes bound as one, Vol. 1, 208 pages, Vol. 2, 155 pages, \$5 paperback).

These two volumes, first published in 1960 and 1969, comprise the best available work on the history and rules of traditional board games from around the world. Their reissue, after several years out of print, will be welcomed by game players everywhere.

Some 185 games are organized into broad categories—race games, dice games, war games, games of position, games with numbers, etc.—and into subcategories in some cases. The author makes ample use of diagrams in explaining the games and he provides photographs of many old sets, often taken from his own extensive collection.

Because Bell writes as a games historian rather than as a player, strategy is discussed for only a few of the games. In addition, some games in the book do not play well and the section on chess variants could have been much more complete. Still, anyone poring over this book is bound to come upon many little-known treasures that will afford countless hours of play. Most of the games cannot be found in stores, but equipment for nearly all of them can be improvised easily with such things as paper, pencils, checker sets, and other common materials.

—R.W.S.

Flurry, available from Concept Engineering, P.O. Box 2555, Lincoln, NE 68502; \$4.50 includes postage and handling.

Question: "Can one find true happiness with a paper slinky?"

Answer: "Quite!"

First, you get a longer slinky with the Flurry than with a standard slinky (we stretched ours to about 15 feet before we thought it might tear). The benefits of the longer slinky are manifold: you have more time to be amused while transferring it from one hand to the other; you can make it waik down flights of tall stairs; and you can hold the ends and toss the center six feet overhead with the object of gathering it together "accordion style" before it falls to the ground. And when you drop it, Flurry is not prone to entanglement—though your ego may be.

—B.D.K.



THE PUZZLED FOX.

A Currier & Ives Picture Puzzle

*The fox in this lithograph is puzzled indeed—
and well he should be—for it seems
that everywhere he looks another shadowy human face or
animal form appears. Unfortunately, Currier & Ives
neglected to keep a record of the number or whereabouts of the
hidden images. We were able to locate 6 animals and*

34 human faces before we began seeing things.

How many can you find?

Answer Drawer, page 72



Harry T. Peters Collection, Museum of the City of New York

P I N B A L L
M A Z E

SCHUSS





on't worry if there isn't much snow this winter. And forget about long lift lines, icy slopes, and broken legs. We've eliminated all the muss and fuss on *Schuss!*, the mountain of inner skiing.

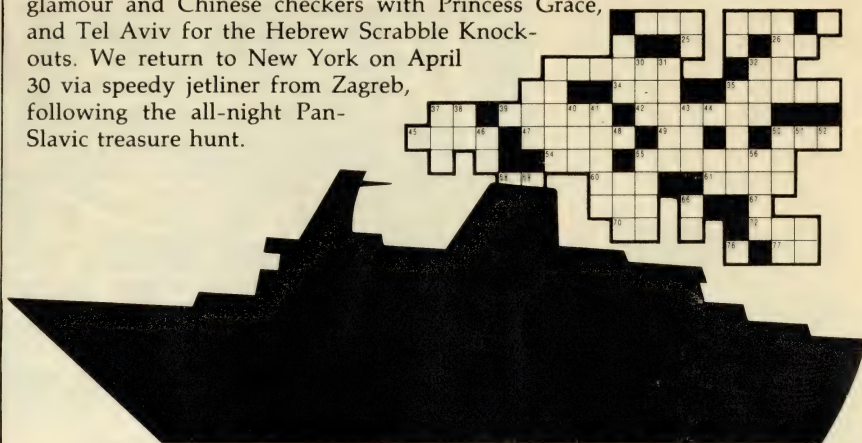
To play, enter the maze from the Ski Lodge at the top of the hill and travel along the lines from one scoring post (X) to another—as if you were a skiing pinball, tallying your score as you go. Curved blue lines are ski trails and you may not travel “up” them. Straight red lines are chair lifts and you may not travel “down” them. You may change from one trail or lift to another only at scoring posts. You may never retrace any portion of your route, though you may cross it at any time.

Try to hit the scoring posts as many times as possible, but beware of getting cut off from the exits: you must exit the maze on one of the three trails leading to the Ski Chalet at the bottom of the hill for your score to count. Remember: tracing paper is your all-day lift ticket. Use it if you want more than one run at matching or (gulp) beating our best score of 570 points.

—Phil Wiswell

JOIN THE FIRST GAME CRUISE

Spring, 1981 We'll depart from Atlantic City (Boardwalk at Park Place) on April 4 and sail to the Mediterranean via Grand Bahama and Southampton, England, for a taste of three famous casinos. Then it's down to Monte Carlo for glamour and Chinese checkers with Princess Grace, and Tel Aviv for the Hebrew Scrabble Knock-outs. We return to New York on April 30 via speedy jetliner from Zagreb, following the all-night Pan-Slavic treasure hunt.



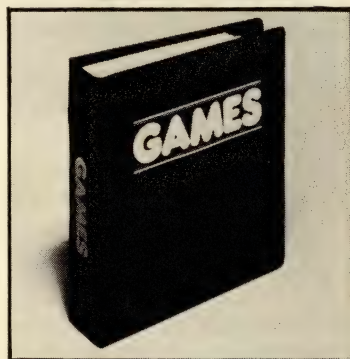
On board there will be Game Seminars, Group Games, New Gaming Theories, Deck Games. Passengers will be grouped by interests rather than status. There will be a Chess Deck, Bridge Deck, Crossword Cabins, Electronic Arcades. Special feature guests will include Pinball Wizards, Card Sharks, Chess Masters, Magicians!

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SPOKEN SIGNATURES

Name the people who made these lines their filmic trademarks.

1. "I coulda had class. . . I coulda been a contender!"
2. "La dee dah!"
3. "I do not drink . . . wine."
4. "Why don't you come up . . . and see me sometime?"
5. "Yo, Adrienne!"

CAST AND MISCAST

1. Judy Garland was not the first choice for the role of Dorothy in *The Wizard of Oz*. Another famous child star was offered the part, but her studio turned it down. Who?

And as for the Wizard, W.C. Fields was originally offered the part but priced himself right out of the running. The role, of course, went to . . . um . . . who was the Wizard?

2. Can you name four famous screen Cleopatras?

3. What was the first James Bond movie, made in 1962? Who played 007? Who took over the role for *On Her Majesty's Secret Service*? And who's the current Bond?

4. Although many screen personalities made their fame and fortune playing essentially the same role in



PLACES PLEASE EVERYONE. QUIET ON THE SET. MOVIE TRIVIA QUIZ, TAKE ONE. LIGHTS, CAMERA, ACTION...

film after film, some occasionally went "against character" with bizarre results. Name the picture in which:

- a. John Wayne played Genghis Khan
- b. Katharine Hepburn was a Japanese peasant
- c. Tony Curtis was a female saxophonist
- d. Frank Sinatra was a priest

e. Cary Grant played a blushing bride

f. Ursula Andress impersonated James Bond

5. Who played Rebecca in the film of that name?

6. Who did Randolph Scott (in the 1930s), Henry Fonda (in the 40s), Burt Lancaster (50s), and James Garner (60s) put on holsters to portray?

THE LOOK

1. Who took off his shirt in a screwball comedy of the 30s, and nearly sent the men's undershirt industry out of business when he revealed a bare chest under his button-down? The film?

2. In the 50s, a different male actor wore nothing but a T-shirt on his torso, and the look caught on like wildfire. The actor's name? The name of the picture?

3. Who, in quasi-emulation of the above star, added an open windbreaker on top of the T-shirt, and turned on teens from Podunk to Paris? What film?

4. When this woman first came to Hollywood, her man-tailored suits dropped jaws all over tinseltown. But women of the fashion world followed suit. The daring innovator? Can you name the film in which she made an entrance in a gorilla suit?

5. What contemporary of the above star added shoulder pads to the Look?

6. In case you think Hollywood has lost its influence on current fashion, consider the following: white pants, white jacket, black open-collar shirt. Seen it around? Who started it? The film?

TINSEL TOUCH-UPS

1. Can you name the star behind each of the disguises below? And the movie in which these characters appeared?

2. What facial characteristic do Dean Martin, Peter O'Toole, Annette Funicello,

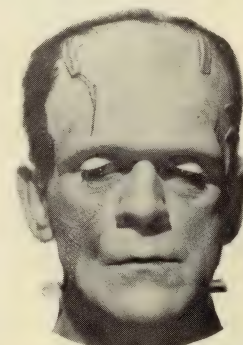
George Hamilton, and Dinah Shore have in common?

3. Who dubbed in the sinister voice of villain Darth Vader in the original *Star Wars*?

4. Veteran actress Mercedes McCambridge was

understandably miffed when all the credit for her virtuoso performance as a satanic demon went to _____, the young actress who mouthed Mercedes' dubbed-in dialogue in the 1974 hit,

5. Who is:
Frances Gumm
Archibald Leach
Lucille Le Sueur
William Henry Pratt
Issur Danielovitch Demsky
Marion Michael Morrison



HOMES OF THE STARS



STARS

AND

CO-STARS



1. The six stars pictured here have, at various times in their careers, co-starred with one another as pals or lovers. Can you pair them up in 10 different movies?

2. Only one woman made the list of Top Ten Box Office Stars of the 70s. Who?

3. Which of the following never won an Oscar for a film performance? Cary Grant, Henry Fonda, Greta Garbo, Edward G. Robinson, Jean Harlow, Paul Newman.

4. Name Groucho's four brothers. And the enduring character actress who bore the brunt of his wisecracks in film after film?

5. Artoo-Deetoo will remain in our collective consciousness long after his human co-stars have faded from memory. The precedent for this inhuman upstaging was a malevolent computer who mournfully sang "A Bicycle Built for Two" while his plug was pulled. The computer's name? The 1968 picture? And the mere mortal who played opposite him?

6. The first Oscar awarded posthumously for Best Actor went to what star in 1977? The film? What slogan will we hereafter associate with him?

7. Name the Magnificent Seven. This western was a remake of what foreign film?

8. Suzanne Somers, Ron Howard, Mackenzie Phillips, and Cindy Williams all have one movie in common that launched their TV careers. The movie?

9. They were beside themselves:

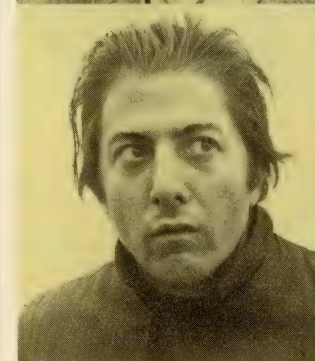
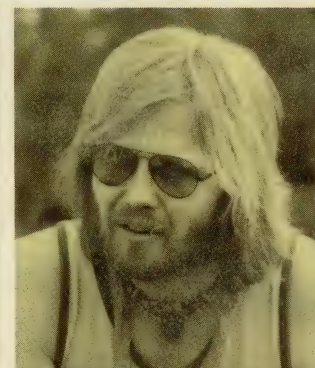
a. In *Dead Ringer*, who was both good sister and bad sister, and murdered herself?

b. In *The Parent Trap*, who played both daughters of separated parents, and between herself, saved the marriage?

c. In *Kissin' Cousins*, who was both cousins, one dark-haired and one blonde?

d. In *Kind Hearts and Coronets*, who played all eight members of a family, from teen to octogenarian?

10. Probably one of the most famous co-stars in all filmdom was the piano player in a ritzy nightclub who played a certain song on request. The movie's original title was "Everybody Goes to Rick's." The movie's title as released? The song the pianist played? The actor who played the pianist?



Answer Drawer, page 70

P30ZF

1. These are not

2. Really!

3. The usual clues

E Y E B A L L B E N D E R S

WHAT ARE THESE OBJECTS?

★ ☆
SEE THE ANSWER DRAWER ON PAGE 72.

Photos by Jane DiMenna

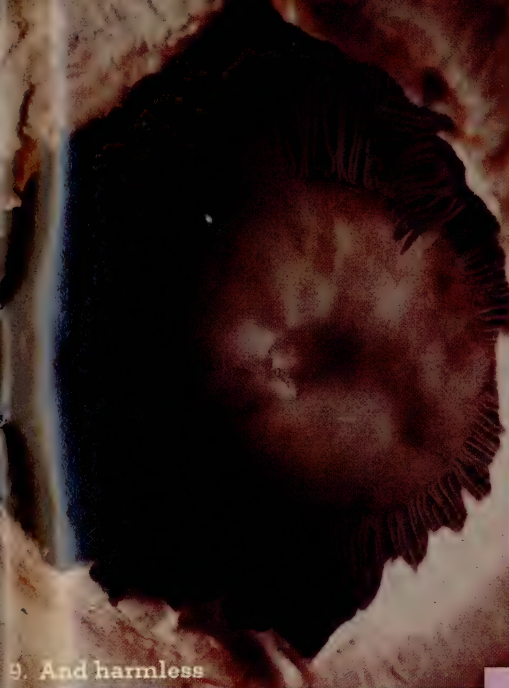
4. But the hidden

5. Con

6. Test mail

7. Something

8. Funny



9. And harmless



10. Quickly to us



11. 50 biggest



12. Laughs



13. Before February



14. Sixth win



15. Games



16. T-shirts



17. 1111

CONTEST...

Hidden Contest

from September/October

Over 3,200 readers spied our Hidden Contest buried in the "footlines" of most right-hand editorial pages. Where the words "September/October" would normally have appeared, letters were substituted that, when read backwards beginning on page 65 and ending on page 5, spelled out this message: "Congratulations. You have found our hidden contest. The first person from each state province or nation to send us a picture postcard care of 'Back Words' will win a Games T-shirt." In all, 50 states, the District of Columbia, Guam, 10 Canadian provinces, the Yukon Territory, and 21 other places posted winners. The pictures we received ranged from motor inns and airplanes to Mount St. Helens in action and a map of Mars, while most of the messages included the words "clever" and "sneaky" or that vacationing one-liner, "Having a wonderful time." As you can see from the photo, the returns produced a dazzling display for our office walls, which would otherwise have needed a paint job.

For their winning postcards, the following will receive *Games* T-shirts:

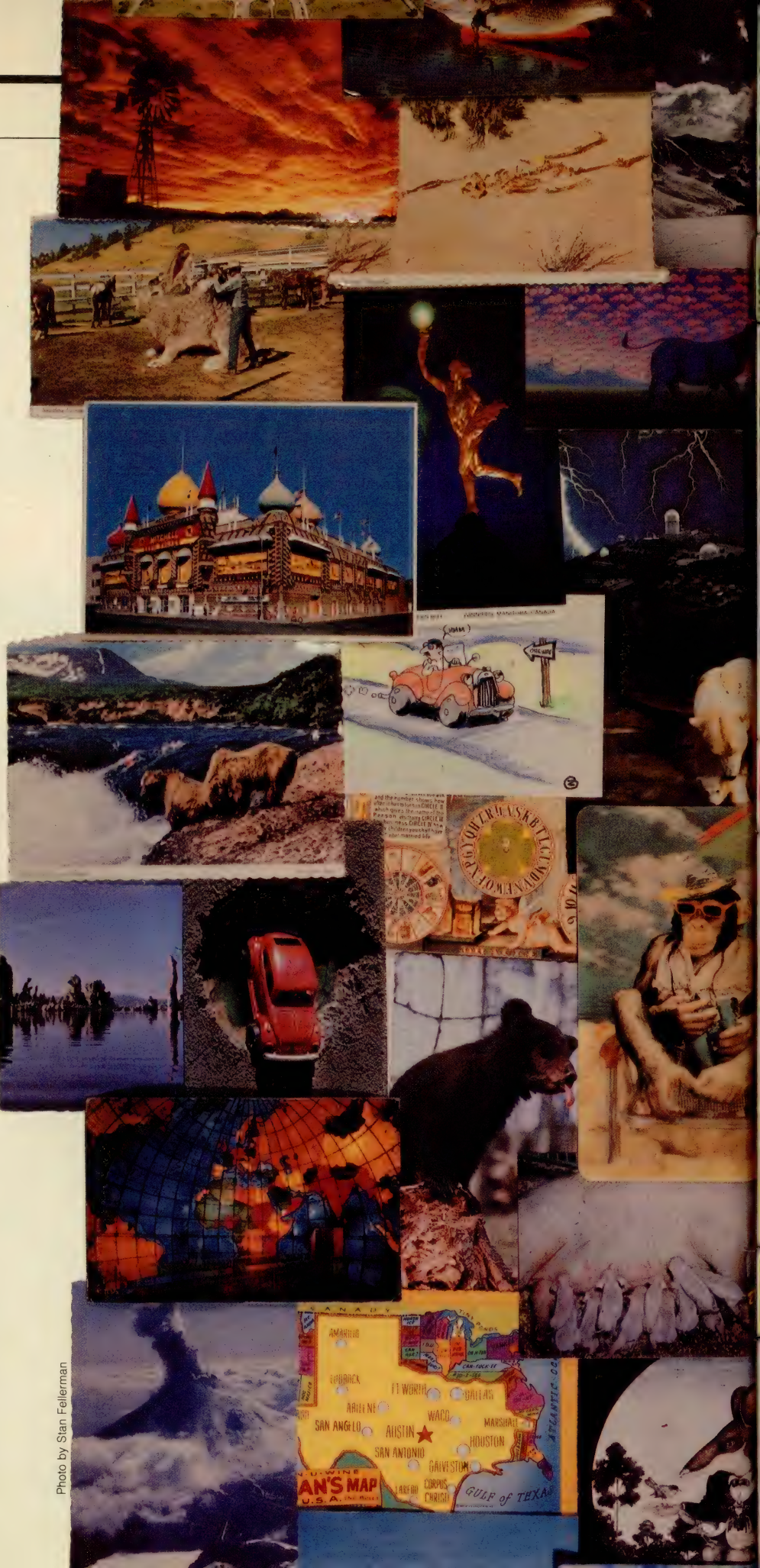
UNITED STATES ALABAMA Randall May; ALASKA Lela Morgan; ARIZONA Dr. Richard O'Heren; ARKANSAS Daria Keegan; CALIFORNIA Kathi Diederich; COLORADO Gina Leyba; CONNECTICUT Janet Kuzlinski; DELAWARE Scott Fowser; DISTRICT OF COLUMBIA Sue Marion; FLORIDA Eric White; GEORGIA Richard Spears; HAWAII Wayne Tanaka; IDAHO Kay Harris; ILLINOIS Gary Peterson; INDIANA Jim Miller; IOWA Beth Farris; KANSAS Jef Peckham; KENTUCKY Sharon Smith; LOUISIANA Earl Monson, Jr.; MAINE Sally Davala; MARYLAND T. A. Boehmer; MASSACHUSETTS Joanne Case; MICHIGAN Jeffy Klein; MINNESOTA Linda Bowdin; MISSISSIPPI William Smyer; MISSOURI Dave McVicker; MONTANA David Ortiz; NEBRASKA R. J. Peterson; NEVADA Patricia Fagan; NEW HAMPSHIRE Lynn Vachss; NEW JERSEY Bob Cardinale; NEW MEXICO Paul Duggan; NEW YORK Carol Miller; NORTH CAROLINA Scott Huelin; NORTH DAKOTA G. K. Borchert; OHIO Anita Griffith; OKLAHOMA Matt Deatherage; OREGON Cindy Leitner; PENNSYLVANIA John Howey, Jr.; RHODE ISLAND Steve Medin; SOUTH CAROLINA Wayne Heath; SOUTH DAKOTA Richard Nohrenberg; TENNESSEE Todd Williams; TEXAS Keith Henderson; UTAH Kevin Cottam; VERMONT David Mario; VIRGINIA Jay McDaniel; WASHINGTON Alex Duncan; WEST VIRGINIA R. F. Williams, Jr.; WISCONSIN Ken Van Stelle; WYOMING Shad Daly; GUAM W. B. Ingalls.

CANADA ALBERTA Danny Lauterbach; BRITISH COLUMBIA Noralee Hall; MANITOBA Warren Grieder; NEW BRUNSWICK Randy MacDonald; NEWFOUNDLAND Derek Fleming; NOVA SCOTIA Darin Borgel; ONTARIO Don Ursu; PRINCE EDWARD ISLAND Gerard Kamphuis; QUEBEC C. E. Walington; SASKATCHEWAN Joan Kirkham; YUKON Rob Kuhn.

FOREIGN AUSTRALIA D. Nesmith; COSTA RICA Chris Fuqua; ENGLAND Patsy Redman; FRANCE David Anderson; GERMANY Neil Bitzenhofer; HONG KONG Kuan Che Chen; JAPAN Steve Wiswell; KENYA Sam Harrell; KOREA Joseph Desmond; MALTA T. Farrugia; MEXICO Bob Rozycki; NORWAY Debbie Malmud; PANAMA Jim Bredenkamp; PHILIPPINES Domingo Tiam-Lee; SCOTLAND Jamal Ahmad; SPAIN C. J. McKenzie; SWEDEN Robyn Bock; SWITZERLAND Benny Helmreich; TURKEY D. J. Phillips; VENEZUELA Kevin Mangis; ZIMBABWE Gene Phillips.

The hidden contest that appears in this issue, by the way, does *not* require being first. What it does require will be apparent when you find it. —G.D.

Photo by Stan Felleman



...RESULTS

Pyramid Power

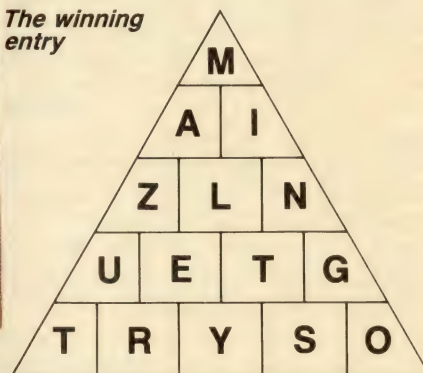
from September/October

The object of this contest was to fill in a pyramid with one letter per block to make as many five-letter words as possible reading from top to bottom and using as many different letters of the alphabet as possible. None of the 2,200 entries achieved the theoretically perfect score of 16 words and 15 different letters, but six readers found the next best solution: 16 words using 14 different letters. The winner, drawn at random from this group, is Kyle Corbin of Raleigh, North Carolina, whose winning solution appears below. He will receive a 24-level Lucite pyramid as first prize.

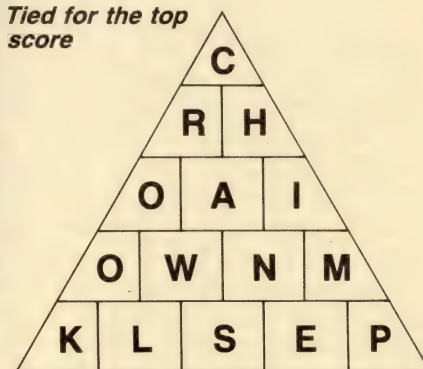
Honorable mention prizes of a *Games* T-shirt go to: Mrs. Harold E. Cobb of Kailua, Hawaii; Richard L. Collier of Watervliet, New York; Frederick W. Hall of Colonial Heights, Virginia; Marilyn M. Mahan of La Cañada, California; and Jerry Stephens of Waldorf, Maryland.

Two of the runners-up duplicated Corbin's entry, except one of them substituted MAKAH for MAZUT down the left side of the pyramid and switched the positions of the S and Y. The other runners-up submitted slight variations on the pyramid shown at the bottom of the page, with C at its top. —R.W.S.

The winning entry



Tied for the top score



Nombeur Stuffeur

Zee More Vous Pack In, Zee Betteur

We've decided it's time to make our magazine's contests more *chic*, more Continental, more *au courant*. *Apropos* of which, we have dusted off our old Number Stuffer challenge (March/April 1979) and given it a certain *je ne sais quoi* by substituting the French names of the numbers 1 through 20 for the English ones used previously. In case you're gauche, the twenty French names are shown on the entry coupon.

The challenge is to enter these French number names in a 15 x 15 grid in crossword puzzle fashion. Each time you enter the word UN in the grid, score 1 point; each time you enter the word DEUX score 2 points; and so on up to VINGT, which is worth 20 points each time it is entered in the grid. Each of the words UN through VINGT may be used any number of times. It is not a requirement to use all twenty of them. The entry with the highest total score (the sum of the values of all words entered in the grid) wins.

Words may only be entered in the grid horizontally from left to right or vertically from top to bottom, and all letters in a word must occupy a series of adjacent boxes as in a crossword puzzle. **IMPORTANT:** All words in the grid must be linked to one another, either directly or through an unbroken chain of other words; no "islands" in the grid are allowed. Also, no groups of two or more boxes that join horizontally or vertically may contain letters that do not spell one

A GAMES CONTEST ★

First Prize
Your score in French francs.
**Four Honorable
Mention Prizes**
A Games T-shirt.



Illustration by Dagmar Frinta

Example: Note that all words must be linked together.

of the twenty acceptable French number names. (That is, your completed crossword must contain no nonwords and no words other than the acceptable ones.)

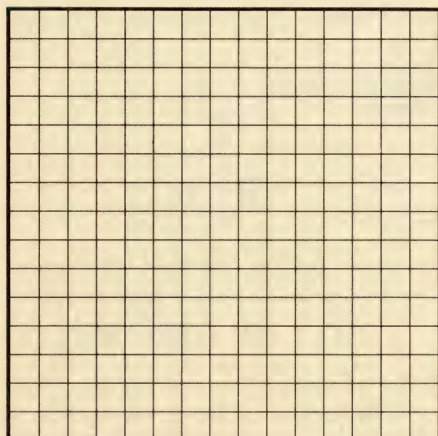
An example of an acceptable though meager entry is shown. Its total score is 73, computed as follows: $(5 \times 2) + (1 \times 10) + (1 \times 16) + (1 \times 17) + (1 \times 20)$. Note that the "DIX" and "SEPT" within "DIXSEPT" do not count as the separate numbers 10 and 7. (The same would be true for DIXHUIT and DIXNEUF.)

Ties, if any, will be resolved in favor of

the entry containing the most UNs. If ties still remain, they will be resolved in favor of the entry with the most DEUXs; then, in favor of the entry with the most TROISs; and so on, up to VINGTs. Any remaining ties will be broken by random drawing.

Additional requirement: You must write your total score on the reverse side of the envelope in which you submit your entry. You may enter more than once, but each entry must be mailed separately. Entries must be received no later than February 2, 1981.

—R.W.S.



Clip or copy this coupon and mail to:

**Nombeur Stuffeur, Games Magazine, 515
Madison Avenue, New York, NY 10022.**

Fill in the number of different times each word appears in your grid, multiply by its value, and add to get your total score.

- | | | | | |
|------------|---|-------|---|-------|
| (1) UN | × | _____ | = | _____ |
| (2) DEUX | × | _____ | = | _____ |
| (3) TROIS | × | _____ | = | _____ |
| (4) QUATRE | × | _____ | = | _____ |
| (5) CINQ | × | _____ | = | _____ |
| (6) SIX | × | _____ | = | _____ |
| (7) SEPT | × | _____ | = | _____ |
| (8) HUIT | × | _____ | = | _____ |
| (9) NEUF | × | _____ | = | _____ |
| (10) DIX | × | _____ | = | _____ |
| (11) ONZE | × | _____ | = | _____ |

- | | | | | |
|---------------|---|-------|---|-------|
| (12) DOUZE | × | _____ | = | _____ |
| (13) TREIZE | × | _____ | = | _____ |
| (14) QUATORZE | × | _____ | = | _____ |
| (15) QUINZE | × | _____ | = | _____ |
| (16) SEIZE | × | _____ | = | _____ |
| (17) DIXSEPT | × | _____ | = | _____ |
| (18) DIXHUIT | × | _____ | = | _____ |
| (19) DIXNEUF | × | _____ | = | _____ |
| (20) VINGT | × | _____ | = | _____ |
| Total score | | | | _____ |

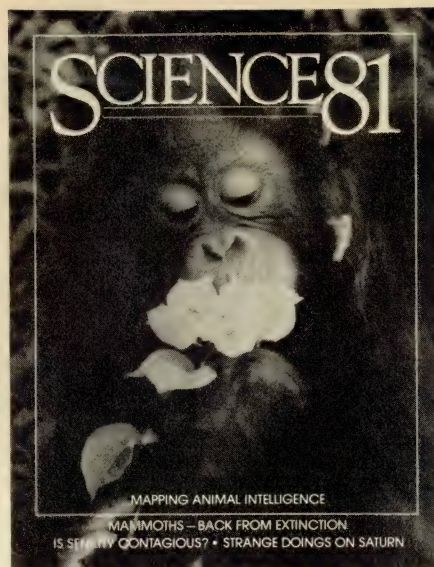
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Entries must be received by February 2, 1981.

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ANSWER DRAWER



Page 6 Letters

Cryptic Cover-Up Ms. Sheiman's cryptogram translates: As a certified addict of both cryptograms and digititis, I was beside myself when I received and subsequently tore through the September issue containing all those juicy cryptograms and cryptarithms to boot!! My joy is multiplying!

28 Cross-O

1. ISLAND, Sicily, Taiwan, Borneo, Samoa
2. PLANET, Pluto, Jupiter, Mercury, Venus
3. SPORT, rugby, boxing, archery, karate
4. DRINK, cocoa, tonic, eggnog, martini
5. MOVIE, *Psycho*, *Rocky*, *Patton*, *Airport*
6. DANCE, hustle, minuet, rumba, cha-cha
7. MOTHER, Hubbard, Nature, Earth, Goose
8. COMPOSER, Liszt, Haydn, Dvorak, Brahms
9. SALAD, fruit, tossed, Caesar, Waldorf

42 Baconian Ciphers

1. CLASSROOM COMMUNIQUE. Sharks Club meets at six.
2. SECRET AND URGENT. Destroy papers. (Capital letters=a; lower-case letters=b)
3. AGENT'S INSTRUCTIONS. Ask for Mr. Barnes in Room Two-B. (Odd digits=a; even digits=b)
4. MESSAGE DISCOVERED ON A SPY. Troops advance at dawn. (The first 13 letters of the alphabet are a; the last 13 are b)
5. DANGER! Leave at once. (One-syllable words=a; two-syllable words=b)
6. RADIO MESSAGE FROM AN OFFSHORE SMUGGLER. Heroin ready for pick-up. (Numbers represent how many times a letter is used successively before it changes; thus, "2 3 2 1 2 1 ..." represents "aabbbaabaa/b...")

BONUS Did you notice the seventh cipher hidden in the illustration? *Answer Drawer, page 69*

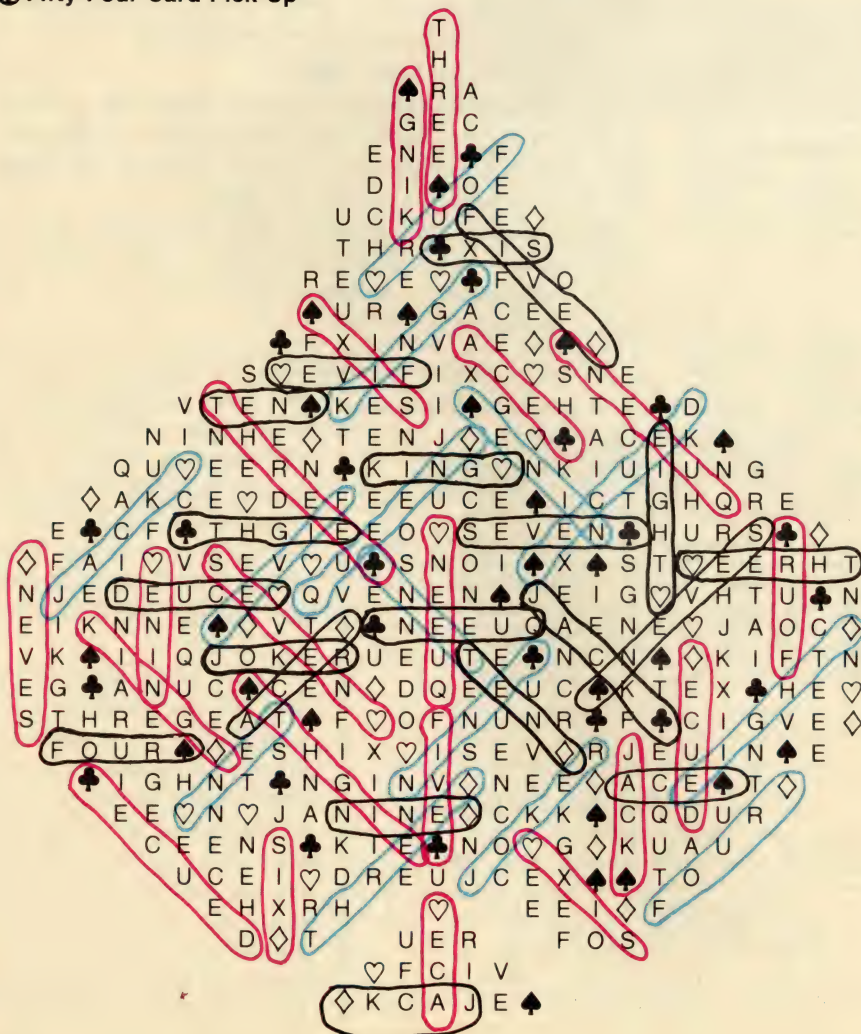
27 Wackiest Wordies

Names of contributors appear in parentheses following their answers.

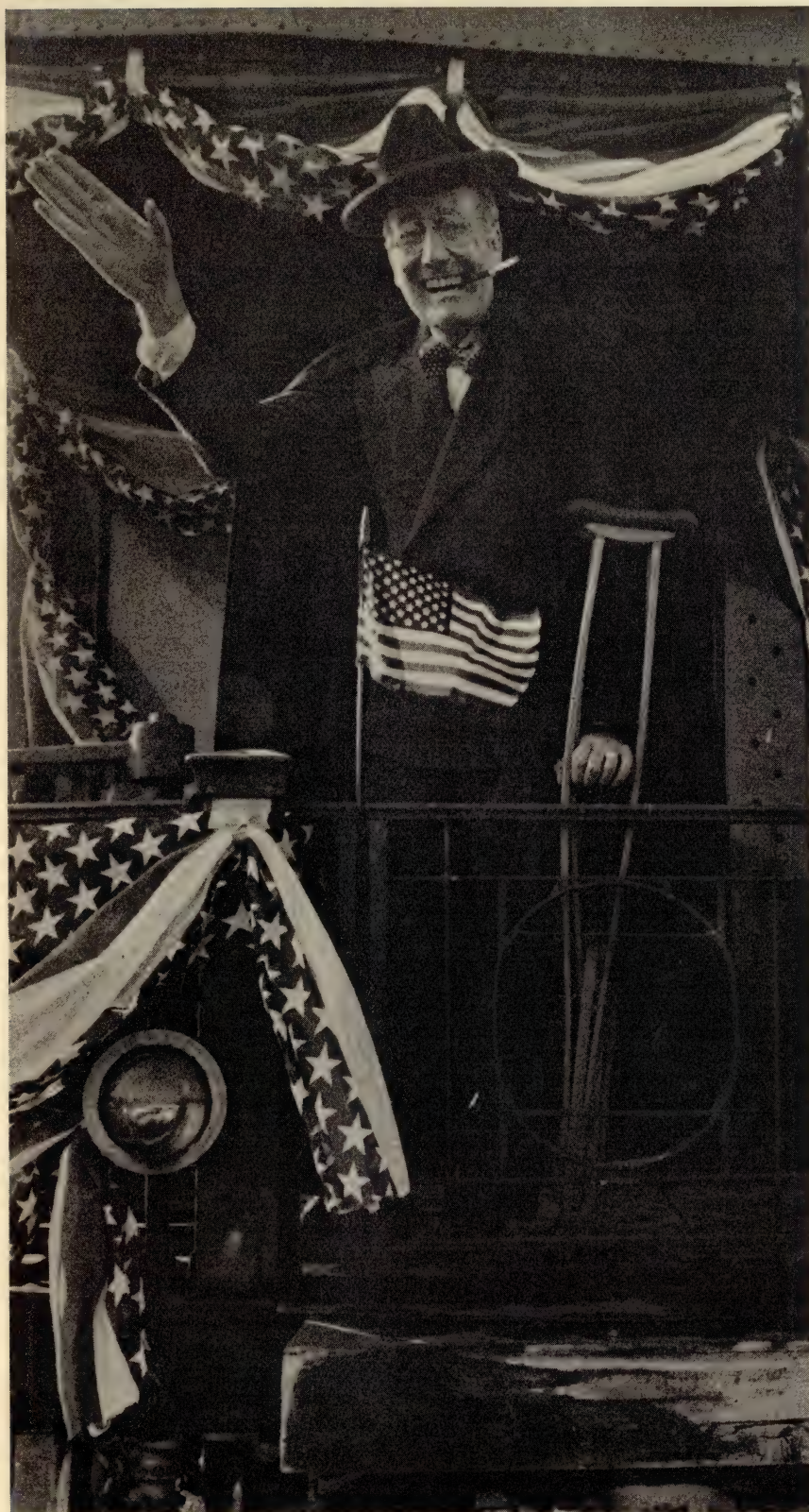
- 1a Sleeping on the job (Laurie Walsh, E. Greenwich, RI)
- 1b Cornerstone (Julie Casazza, Davis, CA)
- 1c High jinks (Joanne Ochs, Reno, NV)
- 1d Getting up before the crack of dawn (Steve Callahan, BelAir, MD)
- 1e "Roger, over and out" (Shawn MacGregor, Salt Lake City, UT)
- 1f Narrow escape (Danny Walter, Mill Valley, CA)
- 2a Equal rights (Scott Dwyer, Bay Village, OH)
- 2b *Little House on the Prairie* (Valerie Wahl, Bay Shore, NY)
- 2c Waving goodbye (Kathy Carr, Mickleton, NJ)
- 2d Condensed milk (Richard P. Archer, Fairfield, IA)
- 2e Two-car garage (Patricia Fastiggi, Hendersonville, NC)
- 2f Stand-up comic (Philip C. Warren, New Ipswich, NH)
- 3a Lucille Ball (Linda Bianca, Cinnaminson, NJ)
- 3b Partly cloudy (Gail Wardwell, Colorado Springs, CO)
- 3c "I before E except after C" (Barbara Gamba, Berkeley, CA)
- 3d Mixed greens (Harriet Weiner, Brooklyn, NY)
- 3e Spiraling inflation (Harriet Weiner, Brooklyn, NY)
- 3f Polka-dotted (Jerry Bailey, Huntington, TN)
- 4a Full-length mirror (Beth Corum, Killen, AL)
- 4b Man in the moon (Bradley W. Burnsell, Milton, MA)
- 4c Clams on the half-shell (Steve Berner, Rego Park, NY)
- 4d "The check is in the mail" (Evanne & Peter Kofman, Phoenix, AZ)
- 4e Count Dracula (Steve Berner, Rego Park, NY)
- 4f Open-and-shut case (Deborah W. Guttentag, Winnipeg, Manitoba)
- 5a No U-Turn (M. Spicer, Eleuthra, Bahamas)
- 5b Weeping willow (Patricia Fastiggi, Hendersonville, NC)
- 5c Suspended animation (Karen Sayer, Ann Arbor, MI)
- 5d "Pretty please with sugar on top?" (Barbara Pacific, Bridgeport, CT)
- 5e Receding hairline (Mrs. Don Vance, Oquawka, IL)
- 5f Elevator out of order (Lisa Borta, Mt. Prospect, IL)
- 6a Double-decker bus (David Somers, Cape May)
- 7a Courthouse, NJ)
- 6b Middle-age spread (Louise Gottsleben, Jackson Heights, NY)
- 6c "Tiptoe Through the Tulips" (Edward J. Ridler, Depew, NY)
- 6d "Three Blind Mice" (without their i's) (A. Braine, Stamford, CT)
- 6e Raised eyebrows (Steve Dyer, Carson City, NV)
- 6f Steal from the rich and give to the poor (John M. Cavanagh, Valencia, CA)
- 7b Top of the morning (Mark Lambin, LaGrange Park, IL)
- 7c Light socket (Nancy D. Covely, Reseda, CA)
- 7d *Tortilla Flat* (Jerry Bailey, Huntington, TN)
- 7e Safety in numbers (Glenn Filzer, Englishtown, NJ)
- 7f Round of drinks on the house (William C. Farkas, Hackensack, NJ)

In cases where the same rebus was contributed by more than one person, we chose the entry with the earliest postmark.

48 Fifty-Four Card Pick-Up



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Allow state and local taxes where applicable

56 Pinball Maze



Ski slope photography © Peter Miller, Nick Nicholson/The Image Bank

29 Going to Great Lengths

1. Long-playing record
2. Long John Silver
3. Henry Wadsworth Longfellow
4. Sing-along
5. Longhair
6. Long jump
7. Long division
8. Hopalong Cassidy
9. Daddy longlegs
10. Long Johns
11. Longshoreman
12. Furlong
13. "Long live the King (or Queen)"
14. Long shot or long odds
15. Oblong
16. So long!

14 Picture Puzzle Cards



22 Chaturanga: Optional Rules

(The game board and rules appear on page 22)

The most complete rules for four-handed Chaturanga are found in the Sanskrit poem *Bhavisya Purana*, an English rendering of which is found in Edward Falkner's *Games Ancient and Oriental and How to Play Them* (Dover, 1961). We have modified the original game for use with modern six-sided dice rather than the historic four-sided ones, and we have simplified the scoring system. More significantly, perhaps, we have not included the following rules, which leave us incredulous but which players may wish to adopt for greater authenticity:

1. The four Ships, because of the way they move, can never capture one another. However, should all four Ships come together in a square, the Ship completing the square captures the other three. When this happens, the fourth ship is known as *Vrihannauka* ("the Great Ship").

2. If a Raja loses all its pieces before being captured, the game is a draw and no points are earned by either team.

3. A Soldier may promote only when at least two Soldiers of its own color have been captured. Also, Soldiers may promote only to a Horse or Elephant, and only when in the same file as the starting square of the piece to which they are promoting.

4. As an exception to the previous rule, when a player has only a Raja, a Ship, and a Soldier remaining, that Soldier is known as a *Gadha*. A *Gadha* may promote on any square on the far side of the board; and while it may promote to a Horse or Elephant, it has the additional option of promoting to an extra Raja!

45 Tom Swifties 2

1. Frankly
2. Sheepishly
3. Grimly
4. Pointedly
5. Briefly
6. Intently
7. Gratingly
8. Lackadaisically
9. Patiently
10. Extraneously
11. Kiddingly
12. Flippantly
13. Crankily
14. Grandly
15. Dolefully
16. Superficially
17. Weakly

25 Number, Please!

The key number is 65.

- | | |
|-----------------------|----------------------|
| A. $9 + 8 = 17$ | N. $80 \div 4 = 20$ |
| B. $12 \times 2 = 24$ | O. $32 - 10 = 22$ |
| C. $5 - 4 = 1$ | P. $5 + 5 = 10$ |
| D. $8 + 0 = 8$ | Q. $12 + 0 = 12$ |
| E. $13 + 2 = 15$ | R. $13 + 6 = 19$ |
| F. $39 - 16 = 23$ | S. $7 \times 3 = 21$ |
| G. $4 + 1 = 5$ | T. $9 \div 3 = 3$ |
| H. $16 - 9 = 7$ | U. $8 + 3 = 11$ |
| I. $7 + 7 = 14$ | V. $14 + 4 = 18$ |
| J. $66 - 50 = 16$ | W. $5 \times 5 = 25$ |
| K. $360 \div 90 = 4$ | X. $17 - 15 = 2$ |
| L. $18 - 12 = 6$ | Y. $10 - 1 = 9$ |
| M. $10 + 3 = 13$ | |

A	17	B	24	C	1	D	8	E	15
F	23	G	5	H	7	I	14	J	16
K	4	L	6	M	13	N	20	O	22
P	10	Q	12	R	19	S	21	T	3
U	11	V	18	W	25	X	2	Y	9

43 Cryptic Warm-Up Puzzle

ACROSS

- 1 AISLE. Homophone. "Say" the word I'LL (given directly in the clue) to get the answer, AISLE ("where to walk").
- 4 TOAST. Charade. TOAST ("a salutation") is TO A (given in the clue) plus ST ("a holy man").
- 5 RELAY. Anagram. The word EARLY anagrammed is RELAY ("to pass on"). The word "unusually" suggests that the letters of EARLY need to be rearranged to form the answer.

DOWN

- 1 ACTOR. Reversal. ACTOR ("stage performer") is ROTC A reversed. The word "lift" indicates that ROTC A should be entered from bottom to top.
- 2 STALL. Second definition. The answer, STALL, means both "drag one's feet" and "booth."
- 3 ENTRY. Concealed word. ENTRY ("admittance") is concealed in the phrase "womEN TRY-ing." The words "observe ... to get" are an instruction to look for the concealment.

43 Cryptic Crossword

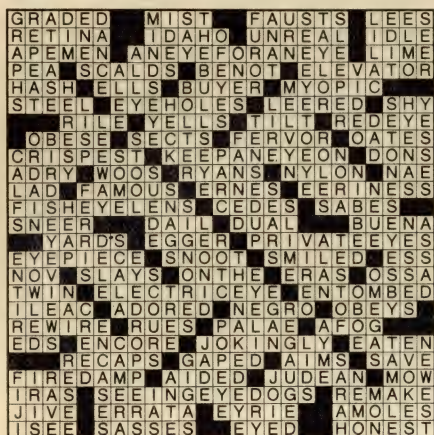
ACROSS

- 1 Sparrows (spar + rows)
- 6 Breaks (brakes)
- 9 Forced (F + or + C + ed.)
- 10 Aversion (a version)
- 11 Beriberi (berry + berry)
- 12 Devote (DEmocratic + vote)
- 13 Sneer (SNicker + jEER, and literally so)
- 14 In any case (two meanings)
- 17 Red Square (two meanings)
- 19 Enemy (men + ye)
- 22 Credit (direct)
- 23 Features (sure fate)
- 24 Sombrero (broomer's)
- 25 Sprite (two meanings)
- 26 Pedals (peddles)
- 27 Trap door (parrot + do)

DOWN

- 2 Protein (pro + teen)
- 3 Receivers (re + service)
- 4 Oodles (wOODLESS)
- 5 Stationary front (stationary front)
- 6 Blending (b + lending)
- 7 Arizona (aria + no Z)
- 8 Sincerely (sin + celery)
- 13 Spruces up (spruces + up)
- 15 Conquered (Concord)
- 16 Buttress (but + tress)
- 18 Dreamed (dread + me)
- 20 Maestro (most are)
- 21 Nausea (Juan - J + sea)

45 Ornery Crossword



50 Ipswich Switch

Floor	Apartment	Visitor
12	The Fawnleys	Mr. Chattlesworth
8	The Edgemonts	Mr. Fawnley
7	The Chattlesworths	Mr. Bagby
4	The Bagbys	Mr. Daunt
2	The Daunts	Mr. Edgemont

42 Bonus Baconian Cipher

(Answer continued from page 66)

Happy New Year (Books with spines facing outward = a; books with spines facing inward = b.) Sorry, this is not the hidden contest.

44 Double Cross

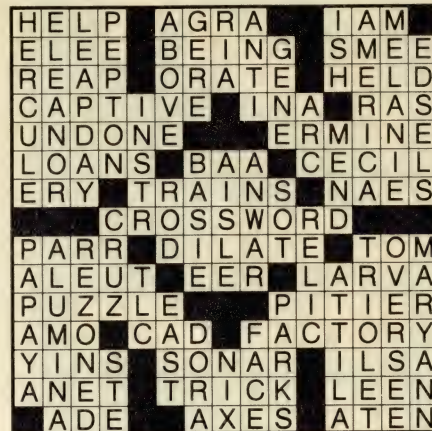
- TOWERING
- HIERARCHY
- UNDERHANDED
- ROOKIES
- BAY WINDOWS
- EYE-POPPING
- REAWAKEN
- TWOSOMES
- HEARTTHROBS
- EXCLAMATORY
- OUTLAWS
- WAMUS
- LYCANTHROPY
- IMMEDIATELY
- NEWSWORTHY
- TEASPOON
- HIGHWAYMAN
- ELSEWHERE
- ANTHROPOLOGY
- TRANSFIGURE
- TOP OFF
- INCONSPICUOUS
- CHESTERFIELD

The number of people who use "who" and "whom" wrongly is appalling. Take the common expression, "Whom are you, anyways?" That is, of course, strictly speaking, correct—and yet how formal, how stilted! The usage to be preferred in ordinary speech and writing is "Who are you, anyways?" —James Thurber, *The Owl in the Attic*.

26 Musigram Starting Hint

The first word in the third line is YOU.

32 S.O.S.



Note: This is not the hidden contest.

32 Oops!

- Umbrella/stick; Theodore Roosevelt
- Newsweek*/death; Patrick Henry
- Garlic/heat; Harry Truman
- Chef/Chief; Maxwell Smart, Agent 86
- Rock/light; Romeo in *Romeo and Juliet*
- Vice-president/Queen; Jack Bailey on *Queen for a Day*
- Secret/evil; Lamont Cranston, The Shadow
- Goldie/Silver; The Lone Ranger
- Pool-shark/sucker; W.C. Fields
- Mosquitoes/torpedoes; Adm. David Farragut

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J/F

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58 Hollywood Screen Test

Spoken Signatures

1. Marlon Brando
2. Diane Keaton
3. Bela Lugosi
4. Mae West
5. Sylvester Stallone

Cast and Miscast

1. Shirley Temple, Frank Morgan
2. Theda Bara (1917), Claudette Colbert ('34), Vivien Leigh ('45), Elizabeth Taylor ('62).
3. *Doctor No*, Sean Connery, George Lazenby, Roger Moore
4. a. *The Conqueror*
b. *Dragon Seed*
c. *Some Like It Hot*
d. *The Miracle of the Bells*
e. *I Was a Male War Bride*
f. *Casino Royale*
5. No one. She's dead at the picture's start. And the lead role, played by Joan Fontaine, is never named at all.
6. Wyatt Earp

The Look

1. Clark Gable, *It Happened One Night*
2. Marlon Brando, *A Streetcar Named Desire*
3. James Dean, *Rebel Without a Cause*
4. Marlene Dietrich, *Blonde Venus*
5. Joan Crawford
6. John Travolta, *Saturday Night Fever*

Tinsel Touch-Ups

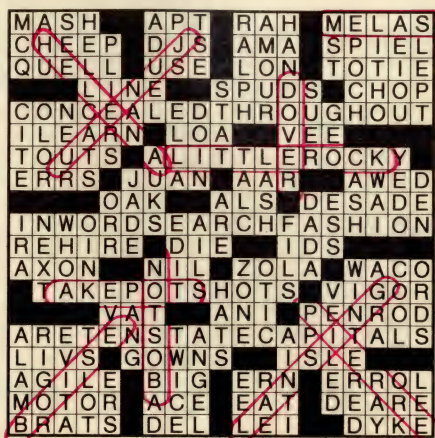
1. Left to right: Lon Chaney, Jr. (*The Wolf Man*); Bela Lugosi (*Dracula*); James Cagney (*Man of a Thousand Faces*); and Boris Karloff (*Frankenstein*).
2. Nose jobs
3. James Earl Jones
4. Linda Blair, *The Exorcist*
5. Frances Gumm is Judy Garland
Archibald Leach is Cary Grant
Lucille Le Sueur is Joan Crawford
William Henry Pratt is Boris Karloff
Issur Danielovitch Demsky is Kirk Douglas
Marion Michael Morrison is John Wayne

26 Musigram

A definition of the generation gap: When you tell your parents that you have disco fever and they try to take your temperature.

41 2-in-1

Did you find all ten hidden state capitals? Good! This is not our hidden contest.



Homes of the Stars

1. *Gone With the Wind*
2. *Giant*
3. *The Shining*
4. *Psycho*

Stars and Co-Stars

1. The actors and actresses shown co-starred in the following movies:

Dustin Hoffman and Jon Voight in *Midnight Cowboy*

Dustin Hoffman and Robert Redford in *All the President's Men*

Dustin Hoffman and Vanessa Redgrave in *Agatha*

Jane Fonda and Vanessa Redgrave in *Julia*

Jane Fonda and Jon Voight in *Coming Home*

Jane Fonda and Robert Redford in *The Chase*, *Barefoot in the Park*, and *The Electric Horseman*

Robert Redford and Paul Newman in *Butch Cassidy and the Sundance Kid* and *The Sting*

2. Barbra Streisand

3. None of them won, although some received equivalent "honorary" awards later in their careers.

4. Chico, Harpo, Zeppo, and Gummo (the last never appeared in movies). Margaret Dumont.

5. HAL, 2001: A Space Odyssey, Keir Dullea

6. Peter Finch, *Network*, "I'm mad as hell and I'm not going to take it any more!"

7. Yul Brynner, Horst Buchholz, Brad Dexter, Robert Vaughn, James Coburn, Charles Bronson, Steve McQueen. (If you guessed Eli Wallach, your memory's playing tricks on you. He played the Seven's archenemy.) The western was a remake of *The Seven Samurai*.

8. *American Graffiti*

9. a. Bette Davis
b. Hayley Mills
c. Elvis Presley
d. Alec Guinness

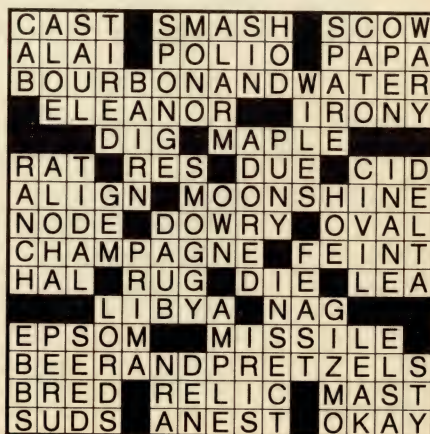
10. *Casablanca*, "As Time Goes By," Dooley Wilson

Photos of Boris Karloff, James Cagney, Lon Chaney, Bela Lugosi, *Psycho*, and *Gone With the Wind* are from the Penguin Photo collection. Photo of *Giant* is from the Academy of Motion Picture Arts & Sciences Library photo collection. All others from a private collection.

26 So You Think You Know Monopoly!

1. False
2. True
3. True
4. False
5. False (you can build three hotels at once only if there are enough houses in the bank for you to have been able to put up four per property)
6. False (you use the numbers already showing from your roll)

29 Communing with the Spirits



Your Bank _____

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City & State _____

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TO THE
ORDER OF

19

\$16.00

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Sixteen and 00/100

DOLLARS

(Signature) _____

MEMO: U.S. Income Tax Deductible
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For only 52¢ a day (just \$16 a month) you can befriend a needy child through Save the Children. Your money, combined with that of other sponsors, can breathe new life into an impoverished village...help hardworking people in their fight for dignity...turn despair into hope for a child who has known only disaster. 52¢ may not buy much where you live. But for the poorest of the poor, where the need is so desperate, it can work miracles.

For your first monthly sponsorship contribution, just fill out and sign the check at the top of this page (yes, as long as you indicate your bank name and account number, it is negotiable). Mail the entire page to Save the Children. Of course, you may use your personal check if you prefer.

TELL US HOW YOU WANT TO HELP BY ANSWERING THESE QUESTIONS.

Your name _____

(please print)

Address _____

City _____

State _____

Zip _____

1 What kind of child would you like to help?

☐ Boy ☐ Girl ☐ Either

2 What geographical area are you interested in?

Urgent need exists in all the areas listed below. Select an area, or let us assign a child where the need is greatest.

☐ Where the need is greatest

☐ Africa
☐ Bangladesh
☐ Chicano (U.S.)
☐ Colombia
☐ Dominican Republic
☐ Honduras
☐ Indian (U.S.)

☐ Indonesia
☐ Inner Cities (U.S.)
☐ Israel
☐ Korea
☐ Lebanon
☐ Mediterranean
☐ Mexico
☐ Southern States (U.S.)
☐ Sri Lanka (Ceylon)

3 Would you like a picture of your sponsored child?

Shortly after we select a child for you, we can send you a photograph and brief personal history, if you desire.

☐ Yes ☐ No

4 Would you like to correspond with your sponsored child?

If desired, correspondence can help build a meaningful one-to-one relationship. Translations, where necessary, are supplied by Save the Children.

☐ Yes ☐ No

5 Would you like information about the child's community?

Several times a year you can receive detailed reports on community activities to benefit your sponsored child. These community reports show how your money is being used most effectively for permanent improvements to the child's environment—for health care, education, food production, nutrition, and community training. Would you like to receive such information?

☐ Yes ☐ No

6 Do you wish verification of Save the Children credentials?

Save the Children is indeed proud of

the handling of its funds. Based on last year's audit, an exceptionally large percentage (80.3%) of each dollar spent was used for program services and direct aid to children and their communities. Due to volunteered labor and materials, your donation provides your sponsored child with benefits worth many times your total gift. Would you like to receive an informative Annual Report (including a summary financial statement)?

☐ Yes ☐ No

(A complete audit statement is available upon request.)

7 Would you rather make a contribution than become a sponsor at this time?

☐ Yes, enclosed is my contribution of \$ _____

☐ Check here for general information about our unique programs for aiding impoverished children.

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GA 1/1

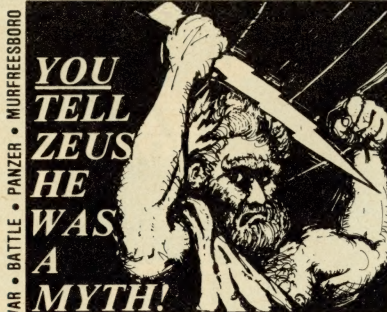


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Fake Advertisement

The "Fake Ad" announced in the Table of Contents was for the First Game Cruise and appeared on page 57.

STATEMENT OF OWNERSHIP, MANAGEMENT, AND CIRCULATION (required by 39 U.S.C. 3685) for January/February 1981 of GAMES, published bi-monthly (6 issues per year) at 515 Madison Avenue, New York, N.Y. 10022, and having headquarters and general business offices at 515 Madison Avenue, New York, N.Y. 10022 (County of New York).

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I certify that the statements made by me above are correct and complete.

(Signed) Milton J. Block, Publisher

54 Currier & Ives Picture Puzzle

- | | | | |
|----------------------|---------|------------------------|---------------------------|
| 1. Horse | 3. Lamb | 5. Head of wild animal | 7 through 40. Human faces |
| 2. Head of Wild Boar | 4. Bird | 6. Fish | |



Cover Illustration

Well, kid, it's up to you. We've seen worse. But among the resolutions you *could* make are: To put away the magazine and get to the resolutions; to straighten up your room, throw away the garbage, hang up the clothes, clean the floor, and wash the rug; to either throw away the half-eaten apple, bananas, pizza, and mallomars, or finish them off; to inflate the basketball; to restring the broken tennis racket (and not serve so hard in future); to buy a new Yale pennant; to straighten and clean the mirror, still dirty from last Mother's Day; to replace the screws in the bookshelf; to either choose between your two girlfriends or else be sure not to make dates with both of them for the same day; to hang up the phone; to take better care of the stereo; to put your records in their sleeves and stack them so they don't warp; to replace missing bureau drawers and knobs; to eat less (or more) junk food; to recycle empty beer cans; to put dirty glasses in the sink and wash them, or else throw them out; to either remove the hot plate from the bathroom where it's an electrical hazard or remove it from the dorm altogether and eat in the cafeteria; to return the country club towel to the country club or complete matching set; to replace missing tiles on bathroom floor or remove the remaining tiles; to take down-filled jacket to tailor for restuffing; to fix broken window pulley and replace pane; to water plant and/or bring it in from the cold; to either straighten poster or replace it with a more current one or both; to practice harder at darts so you don't leave holes in the wall and clock; to fix bicycle wheel spoke and crooked seat; to clean and repair mattress; to either fix bed legs or stack at equal heights the pile of books propping up the bed; to farm out one or more dogs; to either discipline dog not to chew sneaker or buy it a rubber bone; to pick up the playing cards; to stop writing your sweethearts' initials on the edges of library books; to fix, set, and straighten clocks; to finish opening weight-lifting kit and begin pumping iron; to place electrical cords out of harm's way, and to remove some of them from the overloaded plug; to replace the slide rule with a pocket calculator; to put a shade on the lamp and replace lightbulbs; to put books on the bookshelf; to organize the laundry; to shave every day; to make sure you wear matching socks; to put up a new calendar; to dust cobwebs; to stop eating in bed; etc.

60 Eyeball Benders

- | | |
|--------------------|-----------------------------|
| 1. Baseball bat | 10. Can opener |
| 2. Pine cone | 11. Piano keyboard |
| 3. Razor blade | 12. Pay phone hook |
| 4. Hammer head | 13. Christmas tree ornament |
| 5. Dolphin | 14. Car doors |
| 6. Toothbrushes | 15. Cranberry sauce |
| 7. Toaster | 16. Pizza |
| 8. Orange sections | 17. Elephant's eye |
| 9. Mushroom | |

EUREKA

EUREKA is dedicated to those venturesome spirits who, never settling for a ready answer, have fought their way to a better, more elegant, or more complete solution than one previously given in the Answer Drawer.

★ **Darts** (September/October, page 18). Several readers have pointed out that our six-dart "perfect game" of 301 is not unique. We gave D-16 (double 16), three T-20's (triple 20's), T-19 (triple 19), and D-16 (double 16); but Richard Jackson and L. Van V. Dauler, Jr., of New York, NY, and others who were less complete in their lists, gave the following additional solutions. Three triple 20's are included in every case, plus: D-bull, T-7, D-bull; D-bull, T-11, D-19; D-bull, T-13, D-16; D-bull, T-15, D-13; D-bull, T-17, D-10; D-bull, T-19, D-7; D-20, T-15, D-18; D-20, T-17, D-15; D-20, T-19, D-12; D-19, T-15, D-19; D-19, T-17, D-16; D-19, T-19, D-13; D-18, T-17, D-17; D-18, T-19, D-14; D-17, T-19, D-15. In addition, Mike Burns of Prospect Heights, IL, sent in a solution that does not make use of the triple 20 at all: D-16, three T-19's, T-16, D-bull.

★ **Pic-Tac-Toe** (July/August, page 49). Judy Goldberg of Chapel Hill, NC, has found a different theme to link the bottom horizontal row of scenes from movies. Her original solution is "docks": the docks along Manhattan, docking in space, and, of course, Doc the dwarf.

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LIGHTS, KOOL delivers.
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right for you, and wild
horses won't pull
you away.



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KOOL SUPER LIGHTS

the
coolest
taste around

c'mon up!

Super Lights Kings, 7 mg. "tar", 0.7 mg. nicotine; Milds Kings, 11 mg. "tar", 1.1 mg. nicotine av. per cigarette by FTC method; Filter Kings, 16 mg. "tar", 1.3 mg. nicotine av. per cigarette, FTC Report Jan. '80.

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